Public Input No. 2633 Assigned to CMP 9
Referred to CMPs 1-18

Public Input No. 2633-NFPA 70-2026 [Global Input]

As the NEC has taken major steps in evolving relative to a completely new structure and organization, It has become more complex and repetitive, violating the NEC Style Manual and introducing confusion in many respects. The concepts in 90.3 that assist users in understanding the NEC and applying it, are being dismantled. Significant changes in the development and long-term evolution of the NEC are necessary for the industry, NFPA, and the future users of the document.

This global Public Input suggests that The NEC be divided into two Codes, NFPA 70-National Electrical Code Part 1 (for everything 1000 volts and less and 1500 volts dc), and NFPA 70-National Electrical Code Part 2 (everything over 1000 volts, 1500 volts dc).

This suggested change actually will expand the NEC and allow for the anticipated growth of both parts in the future. It also establishes a new Code into the NFPA library of Codes and Standards. The suggested Global Input and associated development work could be a planned migration over a cycle or two if needed.

Much of this work has already been started with the separation of the low voltage (1000 volts and less) from the medium and high voltage (over 1000 volts) requirements. So separating those requirements and definition and so forth into two documents makes sense long term.

This would also allow the original 90.3 to maintain its validity and use as it has enjoyed since the 1937 edition. This change would also allow for the integration of and correlation with the voltage classifications into the NEC to be consistent with the existing voltage classification structure in ANSI C 84.

This revision would also be less burdensome for many organizations that use the current NEC structure for licensing and certification exams, NEC-based training, contractor project management and estimation software, apprenticeship training programs and so forth. It could also ease and streamline the adoption processes across North American states that adopt the NEC legally for use by enforcing jurisdictions.

Statement of Problem and Substantiation for Public Input

The NEC is expanding and being reorganized into a large and much more complex document that is getting harder for users. Separating the 1000 volt rules from the over 1000 volt rules makes sense and seems to be a logical solution for those involved in its evolution, especially the NFPA.

Much of this work has already been started with the separation of the low voltage (1000 volts and less) from the medium and high voltage (over 1000 volts) requirements. So separating those requirements and definition and so forth into two documents makes sense long term.

This would also allow the original 90.3 to maintain its validity and use as it has enjoyed since the 1937 edition. This change would also allow for the integration of and correlation with the voltage classifications into the NEC to be consistent with the existing voltage classification structure in ANSI C 84.

This revision would also be less burdensome for many organizations that use the current NEC structure for licensing and certification exams, NEC-based training, contractor project management and estimation software, apprenticeship training programs and so forth. It could also ease and streamline the adoption processes across North American states that adopt the NEC legally for use by enforcing jurisdictions.

Submitter Information Verification

Submitter Full Name: Michael Johnston
Organization: Roadrunner Technical Services LLC

Affiliation: None
Street Address:
City:
State:
Zip:
Submittal Date: Sat Apr 04 06:14:59 EDT 2026
Committee: NEC-P09

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I, Michael Johnston, hereby irrevocably grant and assign to the National Fire Protection Association (NFPA) all and full rights in copyright in this Public Input (including both the Proposed Change and the Statement of Problem and Substantiation). I understand and intend that I acquire no rights, including rights as a joint author, in any publication of the NFPA in which this Public Input in this or another similar or derivative form is used. I hereby warrant that I am the author of this Public Input and that I have full power and authority to enter into this copyright assignment.

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Public Input No. 2867 Assigned to CMP 16
Referred to CMPs 1, 3, 5, 8, 12 and 13

Public Input No. 2867-NFPA 70-2026 [Global Input]

This is a companion of PI 2860, which seeks to add Class 5 to article 726

Add "and Class 5" or similar to all instances of the phrase "Class 4" in the code that occur in Chapters 1-6.

Statement of Problem and Substantiation for Public Input

PI 2860 creates a Class 5, substantially similar to Class 4 circuits, with identical safety performance criteria. The new Class 5 designation is required to address applications of Fault Managed Power where the working voltage exceeds that allowed by Class 4 and requires cabling with a higher voltage rating.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2860-NFPA 70-2026 [Article 726]	companion

Submitter Information Verification

Submitter Full Name: Chad Jones
Organization: Cisco Systems, Inc.
Street Address:
City:
State:
Zip:

Submittal Date: Mon Apr 06 16:32:17 EDT 2026
Committee: NEC-P16

Copyright Assignment

I, Chad Jones, hereby irrevocably grant and assign to the National Fire Protection Association (NFPA) all and full rights in copyright in this Public Input (including both the Proposed Change and the Statement of Problem and Substantiation). I understand and intend that I acquire no rights, including rights as a joint author, in any publication of the NFPA in which this Public Input in this or another similar or derivative form is used. I hereby warrant that I am the author of this Public Input and that I have full power and authority to enter into this copyright assignment.

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Public Input No. 1-NFPA 70-2025 [Global Input]

Section/Annex Reference:
Annex 90 (Informative Annexes) — add new Annex reference

Proposed Annex Text:

> *Annex X – Autonomous Multidomain Safety Architectures.*
> Electrical systems, including those covered under the NEC, may be supplemented by autonomous multidisciplinary safety architectures such as AIMSAFEGURD™, which provide continuous monitoring across civil, mechanical, electrical, structural, and biological domains. These systems integrate sensors for arc-flash precursors, pressure transients, gas releases, oxygen concentration, and vibration, coupled with autonomous isolation modules capable of sub-cycle response.
>
> AIMSAFEGURD™ is capable of simultaneously interrupting electrical continuity at **three levels — Medium Voltage (MV), Low Voltage (LV), and Direct Current (DC) —** providing coordinated protection for **Solar PV, Battery Energy Storage Systems (BESS), and Wind Systems**. This approach ensures that faults are isolated across all domains at inception, preventing escalation into arc-flash, thermal runaway, or cascading blackout events.
>
> While not required, such systems may be considered as supplemental measures to enhance electrical safety, system resilience, and protection of critical energy infrastructure.

Statement of Problem and Substantiation:
NEC prescribes installation rules and protective device requirements, but does not explicitly recognize **autonomous, sensor-based architectures capable of multilevel simultaneous isolation**. Modern renewable and hybrid systems (Solar PV, BESS, Wind) present unique hazards: DC arcing, MV/LV fault propagation, and stored energy releases.

AIMSAFEGURD™ advantages:

- **Triple-Point Isolation:** simultaneous MV/LV/DC disconnection prevents sustained fault energy.
- **Arc-Flash Prevention:** sub-cycle action (<0.3 cycle) stops events before escalation.
- **Multisensor Integration:** monitoring of gas, oxygen, vibration, and thermal stress.
- **Fiber-Optic Signaling:** removes ignition risks from control wiring.
- **UPS-Backed Autonomy:** maintains function during blackouts or cascading failures.
- **Cross-Standard Alignment:** complements NFPA 70E (Workplace Electrical Safety), NFPA 855 (Energy Storage Systems), NFPA 67/68/69 (Explosion Protection).

By adding this Annex language, NEC acknowledges emerging technologies that protect the rapidly expanding **renewable and storage infrastructure**, moving electrical safety from reactive to proactive protection.

Statement of Problem and Substantiation for Public Input

NEC prescribes installation rules and protective device requirements, but does not explicitly recognize autonomous, sensor-based architectures capable of multilevel simultaneous isolation. Modern renewable

and hybrid systems (Solar PV, BESS, Wind) present unique hazards: DC arcing, MV/LV fault propagation, and stored energy releases.

AIMSAFEGURD™ advantages:

Triple-Point Isolation: simultaneous MV/LV/DC disconnection prevents sustained fault energy.

Arc-Flash Prevention: sub-cycle action (<0.3 cycle) stops events before escalation.

Multisensor Integration: monitoring of gas, oxygen, vibration, pressure and thermal stress.

Fiber-Optic Signaling: removes ignition risks from control wiring.

UPS-Backed Autonomy: maintains function during blackouts or cascading failures.

Cross-Standard Alignment: complements NFPA 70E (Workplace Electrical Safety), NFPA 855 (Energy Storage Systems), NFPA 67/68/69 (Explosion Protection).

By adding this Annex language, NEC acknowledges emerging technologies that protect the rapidly expanding renewable and storage infrastructure, moving electrical safety from reactive to proactive protection.

Submitter Information Verification

Submitter Full Name: Oleg Tsyganok
Organization: AIM-SAFENET
Affiliation: NFPA Member #1114021697
Street Address:
City:
State:
Zip:

Submittal Date: Fri Sep 26 14:47:27 EDT 2025
Committee: NEC-P01

Public Input No. 1005-NFPA 70-2026 [Global Input]

Delete the words, "to be installed" everywhere they appear in the First Draft.

Additional Proposed Changes

File Name	Description	Approved
PC_649_CMP_1.pdf	70_PC649	

Statement of Problem and Substantiation for Public Input

NOTE: This Public Input appeared as “Reject but Hold” in Public Comment No. 649 of the (A2025) Second Draft Report for NFPA 70 and per the Regs. at 4.4.8.3.1 and needs to be reconsidered by the Code-Making Panel for the next edition of the document.

The term "to be installed" is always redundant. 90.2(C) says, "This code covers the installation and removal of electrical
conductors, equipment, and raceways...". Every requirement of the NEC is about installation or removal (and requirements about
removal are a very small minority). "Shall be permitted" and "shall not be permitted," as applied to equipment, mean that the
subject equipment either is or is not allowed to be installed.

The new First Draft restrictions on reconditioned equipment seem to have overlooked the scope and purpose of the NEC. Adding
the superfluous term "to be installed" also does not conform to 3.1.1, 3.1.2, and 3.5.1.1 of the NEC Style Manual.

Submitter Information Verification

Submitter Full Name: NFPA Holds
Organization: Holds
Street Address:
City:
State:
Zip:
Submittal Date: Wed Feb 11 12:23:38 EST 2026
Committee: NEC-P01

Public Comment No. 649-NFPA 70-2024 [Global Input]

Delete the words, "to be installed" everywhere they appear in the First Draft.

Statement of Problem and Substantiation for Public Comment

The term "to be installed" is always redundant. 90.2(C) says, "This code covers the installation and removal of electrical conductors, equipment, and raceways...". Every requirement of the NEC is about installation or removal (and requirements about removal are a very small minority). "Shall be permitted" and "shall not be permitted," as applied to equipment, mean that the subject equipment either is or is not allowed to be installed.
The new First Draft restrictions on reconditioned equipment seem to have overlooked the scope and purpose of the NEC. Adding the superfluous term "to be installed" also does not conform to 3.1.1, 3.1.2, and 3.5.1.1 of the NEC Style Manual.

Related Item

• FR-9197 • FR-9236 • FR-7868 • PI-3713 • FR-8938 • FR-7970 • FR-8831 • FR-8941 • FR-8944 • FR-8947 • FR-7925 • FR-7585 • FR-8136 • FR-8148 • FR-8984 • FR-8293 • FR-8362 • FR-8348 • FR-8360 • FR-7614 • FR-7658 • FR-7734 • FR-7746 • FR-8150 • FR-7717

Submitter Information Verification

Submitter Full Name: William Fiske
Organization: Intertek Testing Services
Street Address:
City:
State:
Zip:

Submittal Date: Fri Aug 02 09:19:44 EDT 2024
Committee: NEC-P01

Committee Statement

Committee Action: Rejected but held

Resolution: This recommendation introduces new information. Accordingly, this comment is held per 4.4.8.3.2, Basis for Reject But Hold, in the Regulations Governing the Development of NFPA Standards.

Public Input No. 1800-NFPA 70-2026 [Global Input]

Make a clearer distinction between different Parts of an Article or section. i.e.: "If performing calculations under Part IV of this article, utilize Table #.## instead of Table #.## in Part VI".

Indicate the part in the Guide Word at the top of each page for quicker reference.

Statement of Problem and Substantiation for Public Input

When a section or article references another Part of the same article, there is no clear location to find where that Part begins. Section #1 of most Articles shows a breakdown of the article, but doesn't show what section begins each Part. This causes delays and confusion when one Part begins and another Part ends.

Submitter Information Verification

Submitter Full Name: Thomas McGuire
Organization: UGA Facilities Management
Street Address:
City:
State:
Zip:

Submittal Date: Sat Mar 21 11:58:27 EDT 2026
Committee: NEC-P01

Public Input No. 1852-NFPA 70-2026 [Global Input]

In Sight From (Within Sight From) (Within Sight).

Equipment that is visible and not more than 15 m (50 ft) distant from other equipment is *in sight from* that other equipment. (CMP-1)

Informational Note:

See 110.29 for additional information.

Statement of Problem and Substantiation for Public Input

CMP1 removed the defined term in the 2026 edition but this creates a problem for the other articles in the code which specifically require equipment be "within sight". Without the definition and the pointer to 110.29, you're relying on the user of the Code to understand where the requirement is or in each location where we have requirements for something to be "within sight from", we'll need to add language like "in accordance with 110.29". That's not necessary if we put the definition back and leave the pointer to 110.29 as it was in the 2023 NEC. That defined term has existed for a long time and I get that it's not enforceable, hence we have the requirement in 110.29. The two work together, though, and the defined term should not have been removed. In addition, other documents like NFPA 20 used this definition and previously excerpted it. With this definition now removed, they've had to remove the extract and retain the definition.

Submitter Information Verification

Submitter Full Name: Richard Holub
Organization: The DuPont Company, Inc.
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 24 09:13:42 EDT 2026
Committee: NEC-P01

Public Input No. 3276-NFPA 70-2026 [Global Input]

Type your content here ...

- **Change the term "normal" to "typical" or "intended" throughout this Standard.**
- **Change the term "normally" to "typically" throughout this Standard.**
- **Change the term "abnormal" to "atypical" or "unintended" throughout this Standard.**

Statement of Problem and Substantiation for Public Input

The terms "normal", "normally", and "abnormal" can be seen as non-inclusive and less suitable for international use and translation.

1. In common industry usage, function-based terms are widely understood and are more technically descriptive, such as intended and typical.
2. Using the proposed term(s) improves clarity for a broader range of users, including non-specialists, because the term(s) describe the intended function rather than a metaphor.
3. The proposed term(s) align with plain-language writing practices and improve translatability for international audiences.
4. The change supports ULSE's inclusive language goals by replacing terms with neutral, technically descriptive alternatives without changing any technical requirement. Proposals are being made across ULSE's portfolio supporting inclusive language.

Submitter Information Verification

Submitter Full Name: Charles Mercier
Organization: UL Standards & Engagement (ULSE)
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 16:42:07 EDT 2026
Committee: NEC-P01

Public Input No. 3621-NFPA 70-2026 [Global Input]

This PI is suggesting an editorial change to the table of contents. The proposal is to add spaces and indents to match the Table of Contents found in 2014 and older editions of the NEC. A word document is attached with a snapshot of the TOC found in the 2014 and 2026 editions of the NEC. This is to provide a visual reference as to what is being proposed.

Additional Proposed Changes

File Name	Description	Approved
Table_of_Contents.docx	2014 and 2026 Table of Contents comparison.	

Statement of Problem and Substantiation for Public Input

This PI is suggesting an editorial change to the table of contents. Back in 2017, the NEC Table of Contents was reformatted. The reformatting resulted in the removal of the indentation of Parts and spaces between the Article titles and Parts. For people who use the table of contents to locate NEC requirements, this change made it difficult to differentiate between the sections, parts, etc. With the new format, the titles of the Articles and Parts blend together when scanning the pages.

In addition to being an electrician, I am an instructor. One of the courses I teach is an introduction to the NEC. I present multiple ways to find information in the NEC, one of them being the Table of Contents. It has been far more difficult for students to find information using the Table of Contents since this change. Reverting back to the Table of Contents formatting found in 2014 and prior editions will aid the Code user, especially new ones, in quickly finding NEC requirements. I have attached a word document with a snapshot from the 2014 and 2026 TOC as a visual reference.

Submitter Information Verification

Submitter Full Name: Rob Zachariason
Organization: Rob Zachariason Electric LLC
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 15:19:23 EDT 2026
Committee: NEC-P01

Snapshot of the 2026 Table of Contents

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Free Access. Not for Distribution

Public Input No. 3684-NFPA 70-2026 [Global Input]

Change the term "within sight from", within sight of", within sight" globally to "within sight from" throughout the NEC.

Type your content here ...

Statement of Problem and Substantiation for Public Input

Simplify the wording and make it consistent.

Submitter Information Verification

Submitter Full Name: Paul Dobrowsky
Organization: Innovative Technology Services
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 16:49:05 EDT 2026
Committee: NEC-P01

Public Input No. 3688-NFPA 70-2026 [Global Input]

Change "clearances" to "working spaces" in 110.26 and 110.34.

Type your content here ...

Statement of Problem and Substantiation for Public Input

Clearances are often used to describe distances such as for overhead lines. The present wording uses both terms inconsistently this change is intended to improve consistency.

Submitter Information Verification

Submitter Full Name: Paul Dobrowsky
Organization: Innovative Technology Services
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 16:53:59 EDT 2026
Committee: NEC-P01

Public Input No. 640-NFPA 70-2026 [Global Input]

Type your content here ...
Industrial facilities
Industrial buildings
Industrial establishments
Industrial premises
Industrial Occupancies
For consistency and clarity, consolidate all the terms above into Industrial Occupancy

Statement of Problem and Substantiation for Public Input

Installation standards generally refer to and align with the performance-based requirements provided in consensus-based building and life safety codes. Industrial occupancy is a term use to classify the use of the building, establishment, premises, or facility. Consolidating to one terminology would solidify the use of the terms meaning, and aligns with outer codes and standards, Industrial Occupancy.

Submitter Information Verification

Submitter Full Name: Alfio Torrisi
Organization: Vector Resource Corporation
Street Address:
City:
State:
Zip:

Submittal Date: Mon Jan 19 11:36:19 EST 2026
Committee: NEC-P01

Public Input No. 9-NFPA 70-2025 [Global Input]

The National Electrical Code establishes requirements for electrical safety in design and installation but currently does not provide provisions for autonomous, predictive arc-flash mitigation and self-diagnostic protective architectures. Existing requirements primarily address protective devices and coordination, but do not cover independent systems capable of sub-cycle detection and mechanical isolation of faults. This leaves a critical gap in resilience, especially in high-risk environments such as data centers, industrial facilities, tunnels, and renewable energy systems.

Substantiation:
The proposed AIM-SAFEGURD™ system introduces an autonomous, fiber-optic based protective architecture that detects and mitigates arc-flash initiation and hazardous transients within less than one cycle. Unlike conventional protective relays and breakers, it operates independently of coordination studies and provides predictive diagnostics, AI-based monitoring, and mechanical actuation. Incorporating recognition of such architectures into the NEC will ensure the Code reflects modern technologies capable of reducing arc-flash hazards, preventing cascading outages, and aligning with NFPA 70E arc-flash safety principles.

Note: A supporting white paper with technical annex and professional certifications has already been submitted under NFPA 502 Public Input and remains on file with NFPA for committee reference.

Statement of Problem and Substantiation for Public Input

Problem Statement:
The National Electrical Code establishes requirements for electrical safety in design and installation but currently does not provide provisions for autonomous, predictive arc-flash mitigation and self-diagnostic protective architectures. Existing requirements primarily address protective devices and coordination, but do not cover independent systems capable of sub-cycle detection and mechanical isolation of faults. This leaves a critical gap in resilience, especially in high-risk environments such as data centers, industrial facilities, tunnels, and renewable energy systems.

The proposed AIM-SAFEGURD™ system introduces an autonomous, fiber-optic based protective architecture that detects and mitigates arc-flash initiation and hazardous transients within less than one cycle. Unlike conventional protective relays and breakers, it operates independently of coordination studies and provides predictive diagnostics, AI-based monitoring, and mechanical actuation. Incorporating recognition of such architectures into the NEC will ensure the Code reflects modern technologies capable of reducing arc-flash hazards, preventing cascading outages, and aligning with NFPA 70E arc-flash safety principles.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1-NFPA 70-2025 [Global Input]	A supporting white paper with technical annex and professional certifications has already been submitted under NFPA 502 Public Input and remains on file with NFPA for committee reference.

Submitter Information Verification

Submitter Full Name: Oleg Tsyganok
Organization: AIM-SAFENET
Affiliation: NFPA Member #1114021697

Street Address:
City:
State:
Zip:
Submittal Date: Wed Oct 01 12:52:39 EDT 2025
Committee: NEC-P01

Public Input No. 1421-NFPA 70-2026 [Section No. 90.2(A)(1)]

(1) Covered.

This code covers the installation and removal of electrical conductors, equipment, and raceways; signaling and communications conductors, equipment, and raceways; and optical fiber cables for the following:

(1) Public and private premises, including buildings, structures, ~~mobile~~ manufactured homes, recreational vehicles, and floating buildings

(2) Yards, lots, parking lots, carnivals, and industrial substations

(3) Installations of conductors and equipment that connect to the supply of electricity

(4) Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings, that are not an integral part of a generating plant, substation, or control center

(5) Installations supplying shore power to ships and watercraft in marinas and boatyards, including monitoring of leakage current

(6) Installations used to export electric power from vehicles to premises wiring or for bidirectional current flow

Statement of Problem and Substantiation for Public Input

The Correlating Committee recommended that a task group review the correlation issues within Article 550 to ensure alignment with the NEC Style Manual. Additionally, the task group evaluated the applicability of wiring requirements during the manufacturing process and proposed adding informative annex material for the distribution systems supplying these homes. The task group consisted of Dave Williams, David Kendall, Dean Hunter, Alan Manche, and Todd Lottman.

Since 1994, HUD amended the regulations to replace “mobile home” with “manufactured home” throughout 24 CFR 3280 - Manufactured Home Construction and Safety Standards. This change aligned the terminology with the Act and industry standards, recognizing that homes built to the HUD Code after June 15, 1976, are manufactured homes, not mobile homes. Article 550 has been revised to remove "mobile homes" to only recognize manufactured homes.

Submitter Information Verification

Submitter Full Name: Dean Hunter
Organization: Minnesota Department of Labor
Street Address:
City:
State:
Zip:

Submittal Date: Mon Mar 09 18:24:32 EDT 2026
Committee: NEC-P01

Public Input No. 1541-NFPA 70-2026 [Section No. 90.2(A)(1)]

(1) Covered.

This code covers the installation and removal of electrical ~~conductors,~~ equipment ~~, and raceways; signaling and communications conductors, equipment, and raceways; and optical fiber cables~~ for the following:

(1) Public and private premises, including buildings, structures, mobile homes, recreational vehicles, and floating buildings

(2) Yards, lots, parking lots, carnivals, and industrial substations

(3) Installations of conductors and equipment that connect to the supply of electricity

(4) Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings, that are not an integral part of a generating plant, substation, or control center

(5) Installations supplying shore power to ships and watercraft in marinas and boatyards, including monitoring of leakage current

(6) Installations used to export electric power from vehicles to premises wiring or for bidirectional current flow

(7) Informational note: See definition of equipment for examples of what is considered equipment.

Statement of Problem and Substantiation for Public Input

This revision to 90.2(A)(1) and a new informational note is recommended by a Correlating Committee Task Group co-chaired by David Hittinger and Palmer Hickman with additional Task Group members including Mark Christian, Dean Hunter, Ryan Jackson, David Kendall, Kyle Krueger, Todd Lottmann, Kenneth Mckinney, Robert Osborne, Christine Porter, Chris Rawson, Duke Schamel, and David Williams.
This is a consensus recommendation from the aforementioned Task Group members that meets the direction given to them which is to "…evaluate the use of "Qualified Person" requirements throughout the NEC. Currently the NEC contains over 100 qualified person related requirements and exceptions. The task group should determine if there is an opportunity to enhance usability by consolidating these repetitive occurrences into general requirements. The task shall submit appropriate recommendations as public inputs for the 2029 NEC."
This recommendation is to revise 90.2(A)(1) addressing what is covered by the NEC in the 2029 NEC per the Correlating Committee Task Group charge. This revision correlates 90.2(A)(1) with the recommended revised definition of "equipment" by removing superfluous words which are unnecessary as they are incorporated into the definition of "equipment." Further, an informational note is added to refer to the definition of "equipment" to provide "…explanatory information to support or improve usability…" per " 2.1.10.1 of the NEC Style Manual.
Related Public Inputs that also received consensus support from this Correlating Committee Task Group include revisions to 110.12 and the definitions of "equipment" and "qualified person" which are necessary to correlate these requirements and definitions. Note that, although Terra shows the recommended informational note as (7), it is not intended as an addition to the existing list.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1597-NFPA 70-2026 [Definition: Qualified Person.]	
Public Input No. 1598-NFPA 70-2026 [Definition: Equipment.]	
Public Input No. 1533-NFPA 70-2026 [Section No. 110.12]	
Public Input No. 1597-NFPA 70-2026 [Definition: Qualified Person.]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Mon Mar 16 13:02:24 EDT 2026
Committee: NEC-P01

Public Input No. 16-NFPA 70-2025 [Section No. 90.2(A)(1)]

(1) Covered.

This code covers the installation and removal of electrical conductors, equipment, and raceways; signaling and communications conductors, equipment, and raceways; and optical fiber cables as well as the assessment for suitability of existing electrical systems for the following:

(1) Public and private premises, including buildings, structures, mobile homes, recreational vehicles, and floating buildings

(2) Yards, lots, parking lots, carnivals, and industrial substations

(3) Installations of conductors and equipment that connect to the supply of electricity

(4) Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings, that are not an integral part of a generating plant, substation, or control center

(5) Installations supplying shore power to ships and watercraft in marinas and boatyards, including monitoring of leakage current

(6) Installations used to export electric power from vehicles to premises wiring or for bidirectional current flow

Statement of Problem and Substantiation for Public Input

With introduction of code articles like 300.4(C) the NEC is now giving authorities the power to assess existing electrical systems and mandate the removal of conductors using this code article. However, the scope of the NEC does not currently align with this trajectory and it can lead to real enforcement issues if the scope of the NEC doesn't cover the assessment of existing electrical systems. This code change will align the scope of the entire document with the already present code articles, and pave the way for future code article changes that will give AHJ's the ability to better make sure that electrical safety of existing systems is being met.

Submitter Information Verification

Submitter Full Name: Jesse Duvuvei
Organization: North Strabane Township
Street Address:
City:
State:
Zip:

Submittal Date: Thu Oct 02 08:45:48 EDT 2025
Committee: NEC-P01

Public Input No. 3143-NFPA 70-2026 [Section No. 90.2(A)(1)]

No original or new content was specified

Statement of Problem and Substantiation for Public Input

This is a town-gown variation on proposals submitted in previous cycles.

As the second largest building construction market in the United States – on the order of $100 billion annually – cranes and excavators are a near-permanent condition on educational settlements; especially the larger ones with state constitutional autonomy and home rule privileges..

Arguably, the electrotechnologies in the spaces between buildings are at least as complicated as, say the electrotechnologies present in a building ceiling plenum. In previous cycles we have alerted NEC committees about how ASHRAE 90.1 – once a building-only premise energy code – radically expanded its scope to include all spaces between buildings.

Outside communication installations for security cameras, wi-fi repeaters, cabling, outdoor illumination systems that share overhead illumination, traffic control with municipal and security wiring on campus perimeters shared with municipalities.

Our hope is that bright line attention to the risk aggregations unique to educational settlements will inspire new ideas for protecting the next generation.

Submitter Information Verification

Submitter Full Name: maanthon@umich.edu
Organization: Standards Michigan, LLC
Affiliation: IEEE Education & Healthcare Facilities Committee
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 09:22:09 EDT 2026
Committee: NEC-P01

Public Input No. 3177-NFPA 70-2026 [Section No. 90.2(A)(1)]

(1) Covered.

This code covers the installation and removal of electrical conductors, equipment, and raceways; signaling and communications conductors, equipment, and raceways; and optical fiber cables for the following:

(1) Public and private premises, including buildings, structures, mobile homes, recreational vehicles, and floating buildings

(2) Yards, lots, parking lots, carnivals, and industrial substations

(3) Installations of conductors and equipment that connect to the supply of electricity

(4) Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings, that are not an integral part of a generating plant, substation, or control center

(5) Installations supplying shore power to ships and watercraft in marinas and boatyards, including monitoring of leakage current

(6) Installations used to export electric power from vehicles to premises wiring or for bidirectional current flow

(7) **Outside power, communication and security conductors for multiple wide-area educational and commercial occupancies typical for K-12 and college campuses**

Statement of Problem and Substantiation for Public Input

As the second largest building construction market in the United States – on the order of $100 billion annually – cranes and excavators are a near-permanent condition on educational settlements; especially the larger ones with state constitutional autonomy and home rule privileges..

Arguably, the electro-technologies in the spaces between buildings are at least as complicated as, say the electrotechnologies present in a building ceiling plenum. In previous cycles we have alerted NEC committees about how ASHRAE 90.1 – once a building-only premise energy code – radically expanded its scope to include all spaces between buildings.

Many passages of the NEC cover outside communication installations for security cameras, wi-fi repeaters, cabling, outdoor illumination systems that share overhead illumination, traffic control with municipal and security wiring on campus perimeters shared with municipalities.

Our hope is that bright line attention to the risk aggregations unique to educational settlements will inspire new ideas for protecting the next generation.

Submitter Information Verification

Submitter Full Name: maanthon@umich.edu

Organization: Standards Michigan, LLC

Affiliation: IEEE Education & Healthcare Facilities Committee | https://site.ieee.org/icps-ehe/

Street Address:

City:

State:

Zip:

Submittal Date: Wed Apr 08 11:32:50 EDT 2026
Committee: NEC-P01

Public Input No. 39-NFPA 70-2025 [Section No. 90.2(A)(1)]

(1) Covered.

This code covers the installation and removal of ~~electrical conductors,~~ equipment ~~, and raceways; signaling and communications conductors, equipment, and raceways; and optical fiber cables~~ for the following:

(1) Public and private premises, including buildings, structures, mobile homes, recreational vehicles, and floating buildings

(2) Yards, lots, parking lots, carnivals, and industrial substations

(3) Installations of conductors and equipment that connect to the supply of electricity

(4) Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings, that are not an integral part of a generating plant, substation, or control center

(5) Installations supplying shore power to ships and watercraft in marinas and boatyards, including monitoring of leakage current

(6) Installations used to export electric power from vehicles to premises wiring or for bidirectional current flow

Statement of Problem and Substantiation for Public Input

This recommendation removes examples of electrical equipment as their being included implies that they are not electrical equipment. The word "electrical" equipment is also being recommended to be removed to correlate with the defined term "equipment" and that there is no defined term "electrical equipment."

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Tue Oct 07 14:06:37 EDT 2025
Committee: NEC-P01

Public Input No. 1422-NFPA 70-2026 [Section No. 90.2(A)(2)]

(2) Not Covered.

This code does not cover the following:

(1) Installations in ships, watercraft other than floating buildings, railway rolling stock, aircraft, or automotive vehicles other ~~than mobile homes and recreational~~ than recreational vehicles

Informational Note: Although the scope of this code indicates that the code does not cover installations in ships, portions of this code are incorporated by reference into Title 46, Code of Federal Regulations, Parts 110–113.

(2) Installations underground in mines and self-propelled mobile surface mining machinery and its attendant electrical trailing cable

(3) Installations of railways for generation, transformation, transmission, energy storage, or distribution of power used exclusively for operation of rolling stock or installations used exclusively for signaling and communications purposes

(4) Installations of communications equipment under the exclusive control of communications utilities located outdoors or in building spaces used exclusively for such installations

(5) Installations under the exclusive control of an electric utility where such installations

(6) Consist of service drops or service laterals, and associated metering, or

(7) Are on property owned or leased by the electric utility for the purpose of communications, metering, generation, control, transformation, transmission, energy storage, or distribution of electric energy, or

(8) Are located in legally established easements or rights-of-way, or

(9) Are located by other written agreements either designated by or recognized by public service commissions, utility commissions, or other regulatory agencies having jurisdiction for such installations. These written agreements shall be limited to installations for the purpose of communications, metering, generation, control, transformation, transmission, energy storage, or distribution of electric energy where legally established easements or rights-of-way cannot be obtained. These installations shall be limited to federal lands, Native American reservations through the US Department of the Interior Bureau of Indian Affairs, military bases, lands controlled by port authorities and state agencies and departments, and lands owned by railroads.

Informational Note to (4) and (5): Examples of utilities can include those entities that are typically designated or recognized by governmental law or regulation by public service/utility commissions and that install, operate, and maintain electric supply (such as generation, transmission, or distribution systems) or communications systems (such as telephone, CATV, Internet, satellite, or data services). Utilities could be subject to compliance with codes and standards covering their regulated activities as adopted under governmental law or regulation. Additional information can be found through consultation with the governmental bodies, such as state regulatory commissions, the Federal Energy Regulatory Commission, and the Federal Communications Commission.

Statement of Problem and Substantiation for Public Input

The Correlating Committee recommended that a task group review the correlation issues within Article 550 to ensure alignment with the NEC Style Manual. Additionally, the task group evaluated the applicability of wiring requirements during the manufacturing process and proposed adding informative annex material for the distribution systems supplying these homes. The task group consisted of Dave Williams, David Kendall, Dean Hunter, Alan Manche, and Todd Lottman.

Since 1994, HUD amended the regulations to replace “mobile home” with “manufactured home” throughout 24 CFR 3280 - Manufactured Home Construction and Safety Standards. This change aligned the terminology with the Act and industry standards, recognizing that homes built to the HUD Code after June 15, 1976, are manufactured homes, not mobile homes. The words “mobile homes and” were removed from the 90.1(A)(1)(2), as a manufactured home is considered building or structure and not an automotive vehicle.

Submitter Information Verification

Submitter Full Name: Dean Hunter

Organization: Minnesota Department of Labor

Street Address:

City:

State:

Zip:

Submittal Date: Mon Mar 09 18:28:38 EDT 2026

Committee: NEC-P01

Public Input No. 1891-NFPA 70-2026 [Section No. 90.2(A)(2)]

(2) Not Covered.

This code does not cover the following:

(1) Installations in ships, watercraft other than floating buildings, railway rolling stock, aircraft, or automotive vehicles other than electric vehicles, mobile homes and recreational vehicles

Informational Note: Although the scope of this code indicates that the code does not cover installations in ships, portions of this code are incorporated by reference into Title 46, Code of Federal Regulations, Parts 110–113.

(2) Installations underground in mines and self-propelled mobile surface mining machinery and its attendant electrical trailing cable

(3) Installations of railways for generation, transformation, transmission, energy storage, or distribution of power used exclusively for operation of rolling stock or installations used exclusively for signaling and communications purposes

(4) Installations of communications equipment under the exclusive control of communications utilities located outdoors or in building spaces used exclusively for such installations

(5) Installations under the exclusive control of an electric utility where such installations

(6) Consist of service drops or service laterals, and associated metering, or

(7) Are on property owned or leased by the electric utility for the purpose of communications, metering, generation, control, transformation, transmission, energy storage, or distribution of electric energy, or

(8) Are located in legally established easements or rights-of-way, or

(9) Are located by other written agreements either designated by or recognized by public service commissions, utility commissions, or other regulatory agencies having jurisdiction for such installations. These written agreements shall be limited to installations for the purpose of communications, metering, generation, control, transformation, transmission, energy storage, or distribution of electric energy where legally established easements or rights-of-way cannot be obtained. These installations shall be limited to federal lands, Native American reservations through the US Department of the Interior Bureau of Indian Affairs, military bases, lands controlled by port authorities and state agencies and departments, and lands owned by railroads.

Informational Note to (4) and (5): Examples of utilities can include those entities that are typically designated or recognized by governmental law or regulation by public service/utility commissions and that install, operate, and maintain electric supply (such as generation, transmission, or distribution systems) or communications systems (such as telephone, CATV, Internet, satellite, or data services). Utilities could be subject to compliance with codes and standards covering their regulated activities as adopted under governmental law or regulation. Additional information can be found through consultation with the governmental bodies, such as state regulatory commissions, the Federal Energy Regulatory Commission, and the Federal Communications Commission.

Statement of Problem and Substantiation for Public Input

Article 625, section 625.60 specifically regulates receptacles (not inlets, outlets, or connectors) in automotive electric vehicles. So, either modify the scope of the NEC to include the receptacles in electric (and potentially other non-electric, since many also have receptacles onboard) vehicles, or have the correlating committee resolve the obvious conflict across CMPs.
The Regs state a Technical Committee "is responsible for development and revision of NFPA standards within its assigned scope of activities. A technical committee reporting to a correlating committee can be

termed a panel." and 3.1.1 "Such scope statement shall be subjected to continuing Standards Council review to eliminate any conflicts of overlapping responsibility between committees.", although 3.3.5.5 indicates "a correlating committee can settle question of jurisdiction between technical committees operating under its responsibility", and 3.3.1.1 "The work of each technical committee and correlating committee shall be: (a) in accordance with the scope as approved by the Standards Council (see 3.1.1)". The NEC Style Manual clause 2.1.4.4 indicates that "The approval of article scope statements shall be the responsibility of the NEC Correlating Committee." thus Article 625.1 and 625.60 should not have been permitted given Article 90.2(1)(2) indicating automotive vehicles are not covered, and 625.60 should not have been permitted as it violates the scope of 625.1. As this conflict has been permitted to persist for several years, we question if the Regs and other proper procedures are being followed.
Receptacle outlets on EVs are not used for connecting an EV to permanent premises wiring, they are to feed stand-alone (Article 710) loads (utilization equipment) such as appliances.
When EVs connect to permanent premises wiring, it is via the EV Connector (which is part of a piece of equipment - see Article 90.7) not the onboard receptacles (technically you could do it but would need an isolation transformer and transfer switch and regulation of the EV shouldn't be any different than a portable generator). Since the electric vehicle is at best a chassis grounded source (high impedance grounded through tires) it is not safe for it to supply permanent premises wiring via an onboard receptacle directly, but that topic should be covered along with portable inverter-generators and other inverter based sources in Chapter 7, such as article 706. Note that the definition of Microgrid has been expanded to include electric vehicles by CMP-4.
Given Article 90.4 indicating enforcement is intended by electrical installation inspectors, and Article 90.7 indicating factory-installed internal wiring need not be inspected at the time of installation, except to detect alteration or damage, the current situation is not compliant with the Regs. Temporary vehicle-to-load installations such as plugging in a power tool at a construction site to a pickup truck outlet is no different for an EV than an internal combustion or hybrid vehicle with an onboard inverter and receptacles from a shock hazard perspective as the voltage is the same and either can deliver more than enough current for cardiac fibrillation, and neither is within scope of the NEC given its scope.
So either list all automotive vehicles with receptacles, or recognize that the vehicles are governed by FMVSS, ISO, etc. as a factory wired assembly. The NEC does not regulate, and installations electrical inspectors can't or won't regulate, the receptacle on an EV or other passenger vehicle with receptacles, but if it's going to try then the scope should acknowledge that so the issue can be brought to the CC and SC to resolve.
While not submitted at time of this submission see PI 2704, 2842, 2855, and 3108.

Submitter Information Verification

Submitter Full Name: Kevin Cheong
Organization: Chargepoint Canada Inc.
Affiliation: Chargepoint Inc.
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 24 21:05:01 EDT 2026
Committee: NEC-P01

Public Input No. 2287-NFPA 70-2026 [Section No. 90.2(A)(2)]

(2) Not Covered.

This code does not cover the following:

(1) Installations in ships, watercraft other than floating buildings, railway rolling stock, aircraft, or automotive vehicles other than mobile homes and recreational vehicles

Informational Note: Although the scope of this code indicates that the code does not cover installations in ships, portions of this code are incorporated by reference into Title 46, Code of Federal Regulations, Parts 110–113.

(2) Installations underground in mines and self-propelled mobile surface mining machinery and its attendant electrical trailing cable

(3) Installations of railways for generation, transformation, transmission, energy storage, or distribution of power used exclusively for operation of rolling stock or installations used exclusively for signaling and communications purposes

(4) Installations of communications equipment under the exclusive control of communications utilities located outdoors or in building spaces used exclusively for such installations

(5) ~~Installations under the exclusive control of an electric utility where such installations~~

(6) ~~Consist of service drops or service laterals, and associated metering, or~~

(7) ~~Are on property owned or leased by the electric utility for the purpose of communications, metering, generation, control, transformation, transmission, energy storage, or distribution of electric energy, or~~

(8) ~~Are located in legally established easements or rights-of-way, or~~

(9) ~~Are located by other written agreements either designated by or recognized by public service commissions, utility commissions, or other regulatory agencies having jurisdiction for such installations. These written agreements shall be limited to installations for the purpose of communications, metering, generation, control, transformation, transmission, energy storage, or distribution of electric energy where legally established easements or rights-of-way cannot be obtained. These installations shall be limited to federal lands, Native American reservations through the US Department of the Interior Bureau of Indian Affairs, military bases, lands controlled by port authorities and state agencies and departments, and lands owned by railroads.~~

~~Informational Note to (4) and (5): Examples of utilities can include those entities that are typically designated or recognized by governmental law or regulation by public service/utility commissions and that install, operate, and maintain electric supply (such as generation, transmission, or distribution systems) or communications systems (such as telephone, CATV, Internet, satellite, or data services). Utilities could be subject to compliance with codes and standards covering their regulated activities as adopted under governmental law or regulation. Additional information can be found through consultation with the governmental bodies, such as state regulatory commissions, the Federal Energy Regulatory Commission, and the Federal Communications Commission.~~

Additional Proposed Changes

File Name	Description	Approved
Does_NFPA_70_NEC_and_NFPA_70E_Add_Electrical_Safety_Value_to_Electric_Utilities.pdf	Does NFPA 70 NEC and NFPA 70E Add Electrical	

Safety Value to Electric Utilities

Statement of Problem and Substantiation for Public Input

Statement of Problem

Article 90.2(2)(5) exempts installations under the exclusive control of an electric utility, including service drops, service laterals, metering equipment, and associated infrastructure from the requirements of the National Electrical Code. The accompanying Informational Note reinforces this exemption by directing readers to alternative utility industry standards as putative substitutes for NEC coverage.

This exemption is technically unsubstantiated, ownership-based rather than hazard-based, and directly contrary to the stated purpose of the Code under 90.2(1): the practical safeguarding of persons and property from hazards arising from the use of electricity. The electrical hazards presented by utility-controlled equipment like conductor failure, inadequate insulation, deficient grounding and bonding, and energized enclosures accessible to the public, are physically identical to the hazards the NEC addresses on the premises side of the service point. Those hazards do not change character because the equipment is owned by a utility rather than a property owner.

Peer-reviewed research published by the IEEE confirms this structural problem. In the attached document "Does NFPA 70 (NEC) and NFPA 70E Add Electrical Safety Value to Electric Utilities" (IEEE Electrical Safety Workshop 2024, Paper No. ESW-2024-03), George T. Cole, CESCP, of the Palo Verde Nuclear Generating Station documents in detail that the NEC's "not covered" designation for utility-controlled installations means that safety value is being systematically withheld from precisely the locations and workers who need it. The Cole paper demonstrates that common industrial electrical equipment inside electric generation plants like switchgear, motor control centers, panelboards, switchboards, battery banks, inverters, branch circuit receptacles, and temporary power installations is physically identical to the equipment the NEC governs elsewhere, yet operates outside NEC jurisdiction solely by virtue of ownership.

The exemption produces two documented categories of public harm. First, utility distribution and transmission equipment operating outside NEC jurisdiction has been the direct ignition source of catastrophic wildfires, including events resulting in mass casualties and the destruction of entire communities. NEC requirements governing conductor integrity, clearances, and insulation ratings, requirements that do not apply to exempt utility equipment, exist precisely to prevent such failures. Second, utility-controlled equipment including metering enclosures, pad-mounted transformers, and underground junction boxes are routinely installed in locations physically accessible to members of the public, including children, without the shock-protection requirements the NEC imposes on all comparable premises-side equipment.

The Informational Note compounds the problem by implying that NESC (ANSI C2) coverage provides equivalent public protection. It does not. The Cole paper provides systematic, point-by-point technical documentation of the gap between NESC and NEC protections across multiple safety domains, establishing that reliance on the NESC as a substitute for NEC coverage is not technically defensible. The Informational Note therefore creates a false equivalence that obscures the gap in public protection and provides no technical basis for the exemption.

Substantiation

The exemption at 90.2(2)(5) cannot be sustained on technical grounds for the following reasons:

1. The exemption is ownership-based, not hazard-based. No technical analysis has been published by NFPA or any utility standards body demonstrating that the hazards present at utility-controlled installations are materially different from those the NEC addresses on the premises side of the service point. The service point is an administrative boundary and not a technical or a hazard based boundary. As Cole (2024) demonstrates, the electrical equipment found inside generation plants like panelboards, MCCs, switchgear, motors, battery banks, inverters, and receptacle outlets is identical in type, voltage, and hazard profile to the equipment the NEC governs in large industrial facilities. The Cole paper states directly: "It does not make sense to use different standards or codes to address the exact same hazard based on the industry or location of the electrical equipment. If the hazard to workers is the same, then the actions to protect the worker should be the same." Electrical hazards at and adjacent to the service interface are continuous across that boundary and must be treated as such.

2. The NESC does not provide equivalent public protection. ANSI C2 addresses utility system construction and worker safety oriented toward transmission and distribution infrastructure. It does not provide the granular shock-protection, grounding, bonding, insulation, and inspection requirements that the NEC imposes for the protection of untrained members of the public who may encounter energized equipment. The Cole paper documents this gap across multiple specific safety domains:

On GFCI protection:
The NEC has mandated GFCI protection since 1971 and currently requires it for all permanent branch circuit receptacles at 125V through 250V, single-phase, 50 amperes or less, in fifteen categories of non-dwelling locations. The NESC, by contrast, did not require any GFCI protection prior to its 2023 edition, and its 2023 mandate extends only to 120VAC permanent receptacles in wet and damp locations. Cole documents that GFCI requirements in the NEC have produced an 80 percent reduction in overall electrocutions and a 93 percent reduction in consumer product electrocutions since their introduction, a documented public safety outcome the NESC has not replicated. Moreover, Cole establishes that utilities, despite their nominally favorable raw injury numbers, consistently show higher Days Away and Restricted and Transferred (DART) rates for electrical injuries and electrical burns than other industries when normalized per 10,000 full-time workers, a persistent disparity consistent with inadequate implementation of NEC and NFPA 70E standards.

On arc flash protection:
The NEC and NFPA 70E provide substantially more comprehensive arc flash protection requirements including incident energy analysis, arc flash boundary determination, prescriptive PPE requirements covering all parts of the body, and mandatory informational labeling on energized equipment than either OSHA 1910.269 or the NESC, which contain multiple exceptions permitting exposures above safe thresholds and do not require arc flash boundary determinations to protect other workers in the area.

On branch circuit definitions and load calculations:
The NESC uses the term "branch circuit" only once, without a technical definition, and has no provisions equivalent to NEC Articles 210, 215, or 220 governing branch circuits, feeders, and load calculations. Utility installations that are identical in equipment type to NEC-covered industrial facilities operate without these fundamental protective provisions solely by virtue of the ownership exemption.
Critically, the NESC's own definitional framework acknowledges the primacy of the NEC for equipment on the load side of the service point. The NESC definition of "Utilization Equipment" contains a clarifying note stating: "Utilization equipment and premises wiring on the load side of the service point is intended to be performed under the NEC, regardless of whether a utility has exclusive control." The exemption at 90.2(2)(5) is therefore in tension with the NESC's own stated intent.

3. Documented harm is directly attributable to the exemption. Regulatory findings by the California Public Utilities Commission and other investigative bodies have established that utility distribution equipment exempt from NEC requirements under 90.2(2)(5) was the ignition source of multiple catastrophic wildfire events causing mass casualties and large-scale destruction of property. The exemption forecloses the application of NEC conductor and equipment standards that would materially reduce ignition risk, particularly in wildland-urban interface zones.

4. The service point boundary is not technically fixed. The Cole paper documents that under NESC definitions, the service point "is not a fixed point but rather something that's fluid and transient based on the electric utility determination." Exact locations vary from utility to utility and from occupancy to occupancy. An ownership-based exemption anchored to an administratively variable boundary cannot provide consistent public protection. The practical effect is that identical equipment, presenting identical hazards, may be NEC-covered or NEC-exempt depending on a utility's unilateral designation of the service point location, a result incompatible with the Code's stated purpose of practical safeguarding.

5. The exemption creates an unacceptable gap at the service interface for emerging interactive systems. As distributed energy resources, Plug-In Photovoltaic (PIPV) appliances, equipment and systems, and bidirectional grid-interactive equipment proliferate, the service point has become a location of increasing electrical complexity and novel hazards. The categorical exemption of utility-controlled equipment at this interface prevents the NEC's protective framework from addressing precisely the configurations where new risk is concentrated and where premises-side and utility-side equipment interact in ways the existing exemption did not anticipate. The Cole paper's documentation of inverter and battery system installations within generation plants as operating outside NEC jurisdiction reinforces this concern: as inverter-based resources become ubiquitous on both sides of the service point, the ownership-based exemption creates a structural gap in exactly the interactive zone where NEC protections are most needed.

6. The Informational Note must be struck independently. Even if the Technical Committee declines to strike the current utility exemption in full for some reason, the Informational Note must be deleted. An Informational Note that affirmatively directs code users toward a standard that does not provide equivalent public protection actively undermines the safety purpose of the Code. Per the NEC Style Manual, Informational Notes shall not expand or restrict the application of Code requirements. This Note effectively does both by implying that NESC coverage satisfies the public-protection objectives of the NEC where it demonstrably does not. The Cole paper's systematic comparison of NESC and NEC provisions across GFCI protection, arc flash, branch circuit requirements, and lockout/tagout practices confirms that the equivalence implied by the Informational Note is not technically supportable.

7. AHJ oversight represents proven public safety value that utilities should not be exempt from. If permit review by AHJs and their staff demonstrably increases public safety across all other sectors of electrical installation and the Code's adoption framework presumes that it does. There is no technical basis for exempting utility-controlled installations from equivalent oversight. The Cole paper's injury data showing persistently elevated DART rates in utilities compared to construction and general private industry is consistent with the absence of the AHJ inspection and permit review framework that the NEC imposes elsewhere.

Action Requested: Strike 90.2(2)(5) in its entirety, including the associated Informational Note, and direct the appropriate Technical Committees to develop scope language ensuring continuity of NEC-level public protection across the utility/premises boundary.

Supporting Reference: George T. Cole, CESCP, CESW, CUSP, "Does NFPA 70 (NEC) and NFPA 70E Add Electrical Safety Value to Electric Utilities?", IEEE Electrical Safety Workshop 2024, Paper No. ESW-2024-03. DOI: 10.1109/ESW52258.2024.10752770. Downloaded from IEEE Xplore, April 7, 2026, under license to Pacific Northwest National Laboratory.

Submitter Information Verification

Submitter Full Name: Achim Ginsberg-Klemmt
Organization: GismoPower LLC
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 31 22:38:58 EDT 2026
Committee: NEC-P01

DOES NFPA 70 (NEC) AND NFPA 70E ADD ELECTRICAL SAFETY VALUE TO ELECTRIC UTILITIES?

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George T. Cole
CESCP, CESW, CUSP
Palo Verde Nuclear Generating Station
5801 S. Wintersburg Rd
Tonopah, AZ 85354
USA
George.cole@aps.com or Georgeandlauracole@gmail.com

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Abstract – For decades, two nationally recognized documents related to safe electrical design and installation of electrical equipment and safe electrical work practices for employees have essentially been overlooked and under appreciated by many electric utilities.

Under the "Not Covered" scope of article 90 of both the *National Electrical Code* (NEC), also known as National Fire Protection Association (NFPA) 70 and NFPA 70E, *Standard for Electrical Safety in the Workplace*, we find an interesting exclusion buried within a subsection. 90.2(D)(5)(b) of the NEC and 90.3(B)(4)(c) of NFPA 70E, both state "*This code/standard does not cover installation/safety-related work practices for the following: Are on property owned or leased by the electric utility for the purpose of communications, metering, generation, control, transformation, transmission or distribution of electric energy.*"

This paper will attempt to correct a long-established misunderstanding that the NEC and 70E provides no or very little safety value to electric generation plants and transmission and distribution (T&D) substations because they are technically not applicable to them. Consequently, many electrical design engineers and safety professionals employed within electric utilities are either unaware of the safety value offered by NEC and 70E or choose to ignore their merit.

Index Terms — National Electrical Code, NEC, NFPA 70, NFPA 70E, National Electric Safety Code, NESC, IEEE C2, Electric Utility, Electric Generation, CSA Z462, Electric Power, Electric Utilization, Electric Transmission & Distribution, T&D, Power Plants, OSHA, 1910.269 subpart R, 1926 subpart V, 1910 subpart S, OSH Act, NIOSH

I. INTRODUCTION

The safety practices used within the electric utility sectors for the generation, transmission and distribution of electrical energy is primarily governed by the Occupational Safety and Health Administration (OSHA) pursuant to 29CFR 1910.269, subpart R for General Industry and 1926 subpart V during Construction. Both regulations were revised on April 1, 2014, in their final rule, with an effective date of July 11, 2014.

However, it should be noted the scope of 1926 subpart V does not cover generation plants during construction because many other OSHA construction regulations easily apply.

From a position of electric equipment installation and additional worker safety practices based on codes and standards outside of the performance-based OSHA regulations, several non-governmental documents are often used by electric utility companies.

First on the list of external governmental standards will likely be the National Electrical Safety Code (NESC) C2 as the document of choice for both installation criteria and supplemental worker safety practices.

After the NESC, a myriad of other consensus standards would be used to further augment the NESC for specific needs, applications, and equipment such as American Society of Testing and Materials (ASTM), Institute of Electrical and Electronic Engineers (IEEE) and others accredited by the American National Standards Institute (ANSI).

However, many electric utilities design engineers and EHS professionals tend to shy away from two well-known and highly respected electrical safety documents released by the NFPA. The NFPA 70 (NEC)) for installation practices followed closely by NFPA 70E for workplace safety. Omission of the NEC is primarily noted during the initial design phase of new installations or when upgrading and modifying existing infrastructures. As for NFPA 70E, *Standard for Electrical Safety in the Workplace*, the gap reveals itself when developing or improving their electrical safety programs and work practices.

While an argument could be made that some equipment associated with electric utility T&D systems are distinct enough to warrant an exclusion from parts of the NEC and 70E, for example, overhead power lines, poles and towers, open air rigid or wire strung 'string' buses, sulfur hexafluoride circuit breakers (SF_6), manual or motor operated disconnects (MOD), etc. But what about common electric equipment used in generation plants and substations, such as, panelboards, switchboards, switchgear, battery banks and their associated chargers, receptacle outlets, pump motors, and a host of other such components? If we carefully and objectively look at the electrical distribution systems housed inside an electric power generation station, we will see mirror parallels with those commonly used in large industrial facilities. Apart from the plant's interconnection to the electric grid via the switchyard, the main generator, the generator step-up (GSU) transformers, and iso-phase bus ducts, the remaining electrical systems commonly employed in power generating plants are identical to those found in industrial type

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plants not associated with power generation but who actively use the NEC and 70E as a "Covered" group.

II. SAFETY REGULATIONS, STANDARDS AND CODES

A. OSHA 1910.269, Sub-part R

OSHA was established on December 29th, 1970 through the passage of the Occupational Safety and Health Act, by the 91st Congress of the United States. It is also known as the 'OSH Act of 1970' and last amended in 2004.

The purpose of the OSH Act is *"To assure safe and healthful working conditions for working men and women; by authorizing enforcement of the standards developed under the Act; by assisting and encouraging the States in their efforts to assure safe and healthful working conditions; by providing for research, information, education, and training in the field of occupational safety and health; and for other purposes*." [1]

The OSH Act is divided into several sections, with the following notable passages:

Sec. 5 – *Duties*, establishes legal obligations for both the employer and employees to comply with the standards promulgated under the Act. The 'General Duty Clause', which can be used for the issuance of a citation after a fatality or serious injury where no OSHA regulation currently exits.

Sec. 8 – *Inspections, Investigation and Recordkeeping*, establishes OSHA's lawful authority to conduct announced and unannounced inspections of workplaces to perform investigations and inspections. It places mandates upon employers to maintain accurate records of fatalities, injuries, illnesses and exposures to toxic materials or harmful agents.

Sec. 9 – *Citations*, authorizes OSHA inspectors to issue citations for any violation of the Act, standard, rule or regulation. On October 12, 1984 pursuant to the 'Sentencing Reform Act of 1984', provides criminal penalties in addition to the civil assessments.

Sec.10 – *Procedure for Enforcement*, empowers OSHA to impose penalties and financial assessments.

Sec. 11 – *Judicial Review*, provides employers the right to appeal a citation through the judicial branch. It also contains 'Whistle Blower' protections for employees who have filed complaints or provided testimony to OSHA.

Sec. 17 – *Penalties*, establishes minimum and maximum financial fines.

Sec. 22 – *National Institute for Occupational Safety and Health*, (NIOSH) was established as a research agency to study worker safety and health, to empower employers and workers to create safe and healthy workplaces.

OSHA regulations are primarily designed toward worker practices and protective actions addressing common hazards in the workplace. Most OSHA regulations do not normally target equipment requirements even for safe installations. However, OSHA 1910.301 - 308, Subpart S, for electric utilization industries, seems to be an exception because it contains significant equipment installation criteria. One reason for this anomaly is because it derived much of its basis from a previous version of the NEC. Consequently, building and installation specifications were inherently incorporated into this OSHA regulation at its conception. On the other hand, 1910.269, Subpart R addressing safety for electric utilities, contains no substantial guidance directly related to equipment installation other than "*The employer shall provide guards around all live parts operating at more than 150 volts to ground without an insulating covering unless the location of the live parts gives sufficient clearance (horizontal, vertical, or both) to minimize the possibility of accidental employee contact. guarding energized parts at 150 volts or more to minimize the possibility of accidental employee contact*" pursuant to paragraphs 1910.269(u)(5) for substations and 1910.269(v)(5) for generation. Additionally, both paragraphs also direct employers to the '*American National Standard Electrical Safety Code, ANSI/IEEE C2-2002*' as an acceptable alternative to the OSHA guarding provisions for exposed energized parts.

B. National Electrical Safety Code (NESC) – IEEE/ANSI C2

At the request of Congress, the NESC was first developed in 1913 by the National Bureau of Standards (NBS), to bring consistency and safety for the design, construction, operation, maintenance and use of nation's electric supply and communications systems. In the late 1960's, it was realized that those technological advancements in the design, materials, construction, and operations necessitated significant updates to the NESC. While some individual states and utility companies voluntarily adopted various editions over the following decades, it was not until the 1970's where existing electric infrastructures were required to be upgraded to meet the newest edition. However, 'grandfather clauses' were contained within the various revisions to aid in compliance with the new mandates for existing or legacy installations.

In 1972, the Institute of Electrical and Electronics Engineers (IEEE) assumed administrative responsibilities and oversight of the NESC from the NBS, where it still resides today [2]. The 2023 version is the most current edition.

The NESC is also known as the 'Accredited Standards Committee C2' and carries an accreditation by the American National Standards Institute (ANSI).

For formatting and layout, the NESC is divided into 'Parts' with the key word 'Rules' used in the titles. The Parts are further subdivided into two-digit numeric 'Sections' with the subsequent rules listed by three-digit numbers. Additional supplemental information is captured in 'Appendices,' 'Figures' and 'Tables'. Important definitions and special terms used throughout the NESC are found in Section 2.

The most recent 2023 version of the NESC contains four main Parts with the following Sections:

Part 1 – Safety Rules for the Installation and Maintenance of Electric Supply Stations and Equipment, with Sections 10 - 19.

Part 2 – Safety Rule for the Installation and Maintenance of Overhead Electric Supply and Communication Lines, with Sections 20 - 27.

Part 3 – Safety Rules for the Installation and Maintenance of Underground Electric Supply and Communications Lines, with Sections 30 - 39.

Part 4 – Work Rules for the Operation of Electric Supply and Communications Lines and Equipment, with Sections 40 - 44.

The NESC states of itself "*The purpose of the NESC is the practical safeguarding of persons during the installation, operation, and maintenance of electric supply and communication facilities, under specified conditions. NESC rules contain the basic provisions, under specified conditions, that are*

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considered necessary for the safeguarding of the public and utility workers (employees and contractors). This Code is not intended as a design specification or as an instruction manual, nor is it intended to provide design criteria for abnormal events…" (emphasis added).

The scope of the NESC according to rule 011 covers in part "*The generation, transmission and distribution of electricity…through public and private utility systems…" and "Utility facilities and functions of utilities that… generate energy by conversion from some other form of energy such as, but not limited to, fossil fuel, chemical, electrochemical, nuclear, solar, mechanical, wind or hydraulic…*", (emphasis added).

C. National Electrical Code (NEC) – NFPA 70

The National Board of Fire Underwriters (NBFU) released the first codified version of the NEC in 1897 to provide standardization of electrical safety requirements for electric workers, designers, manufacturers, product testing organizations and building inspectors. In 1911, the administrative oversight and sponsorship of the NEC was transferred from the NBFU to the National Fire Protection Association (NFPA) which continues to hold the responsibility to date. [3] The 2023 version is the most current edition.

Despite the use of the word "National" which implies application only within the US, the NEC is used internationally.

For formatting and layout, the NEC is separated into 'Chapters' which are divided into 'Articles' which are further subdivided into 'Parts'. Supplemental information is contained in 'Informational Annexes' but unlike the NESC, 'Tables' are documented under a Chapter.

The 2023 version of the NEC contains nine main Chapters with the following subsequent Articles:

Chapter 1 – General, with Articles 100 and 110
Chapter 2 – Wiring and Protection, with Articles 200 - 250
Chapter 3 – Wiring Methods and Materials, with Articles 300 - 398
Chapter 4 – Equipment for General Use, with Articles 400 - 495
Chapter 5 – Special Occupancies, with Articles 500 - 590
Chapter 6 – Special Equipment, with Articles 600 - 695
Chapter 7 – Special Conditions, with Articles 700 - 770
Chapter 8 – Communications Systems, with Articles 800 - 840
Chapter 9 – Tables, with Tables 1 - 13

The NEC states "*The purpose of this Code is the practical safeguarding of persons and property from hazards arising from the use of electricity. This Code is not intended as a design specification or an instruction manual for untrained persons.*"

It further states "*This Code contains provisions that are considered necessary for safety. Compliance therewith and proper maintenance result in an installation that is essentially free from hazard but not necessarily efficient, convenient, or adequate for good service or future expansion of electrical use.*" (emphasis added).

As previously mentioned, section 90.2(D)(5)(b), for the 'Installations Not Covered' limitations states "*This Code does not cover the following: Installations under the exclusive control of an electric utility where such installations: Are on property owned or leased by the electric utility for the purpose of communications, metering, generation, control, transformation, transmission or distribution of electric energy.*" (emphasis added).

However, section 90.2(C)(4) for '*Installations Covered*' does not completely exempt electric utilities from its application, "*Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings, that are not an integral part of a generating plant, substation, or control center.*" (emphasis added)

The NEC does not provide a technical definition of 'integral part', nor what is or is not an integral part, therefore the common vernacular definition must be used. According to the Merriam-Webster Dictionary "integral" is defined as "*essential to completeness, formed as a unit with another part, or lacking nothing essential*" [4]

D. NFPA 70E – Standard for Electrical Safety in the Workplace

Within a few years of Congress establishing OSHA through the OSH Act, it became obvious to the new governmental agency that electrical energy was a leading contributor of injuries and fatalities in the workplace. OSHA struggled with using the NEC as the sole basis for worker safety practices. While it contained some directives for worker safety, it primarily targeted the safe design, construction, and inspection of electrical installations. Understanding this need, the NFPA reached out to OSHA in May of 1975 with an offer of assistance. The offer was well received by Assistant Secretary of Labor of OSHA and the NFPA Standards Council initiated a new technical committee that began development of a new document specifically focusing on electrical safety practices by workers. In 1979, the first edition of NFPA 70E titled "*Standard for Electrical Safety Requirements for Employee Workplaces*" was released as a part of the NEC. In 2004, the seventh edition was published as a standalone document with the title changed to "*Standard for Electrical Safety in the Workplace*" [5] [6] [7]. The 2024 version is the most current edition.

Several parts of the original contents of OSHA 1910 subpart S and 1926 subpart K were based on early versions of the NEC and NFPA 70E. Portions of 1910 Subpart S were revised in 2007 drawing heavily from the 2000 edition of 70E, however, 1926 Subpart K for the construction industry was not updated in parallel during that time [8].

70E is formatted in the same layout as the NEC, with 'Chapters', 'Articles' and 'Parts'. Supplemental information is also contained in 'Informational Annexes'.

The most recent 2024 version of 70E contains only three main Chapters with the following Articles:

Article 90 – Introduction
Chapter 1 – Safety-Related Work Practices, with Articles 100 - 130
Chapter 2 – Safety-Related Maintenance Requirements, with Articles 200 - 250
Chapter 3 – Safety Requirements for Special Equipment, with Articles 300 - 360

Section 90.2 states "*The purpose of this standard is to provide a practical safe working area for employees relative to the hazards arising from the use of electricity.*" Most electrical safety experts will agree that NFPA 70E is the premier electrical safety standard both in the national and international arena.

Indistinguishable from the NEC, is NFPA 70E section 90.3(B)(4(c), for 'Installations Covered' that also states "*This standard does not cover safety-related work practices for the*

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following: Installations under the exclusive control of an electric utility where such installations: Are on property owned or leased by the electric utility for the purpose of communications, metering, generation, control, transformation, transmission or distribution of electric energy.", (emphasis added).

90.3(A)(2) for 'Workplaces Covered', also places clear mandatory application upon electric utilities for "*Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops and recreational buildings that are not an integral part of a generating plant, substation, or control center*", which is identical to the NEC, (emphasis added) and it too does not contain a definition of 'integral part'.

However, two important points should be noted:

First, the phrase "*Practical Safeguarding of Persons/Employees*" is claimed in the Purpose of all three documents, the NESC, NEC and NFPA 70E.

Secondly, the phrase "Not Covered" does not mean electrical safety value is non-existent.

III. COMMON ELECTRICAL EQUIPMENT AND HAZARDS INSIDE GENERATION PLANTS

Electric distribution systems employed within generating plants consists of a wide variety of designs and types, that are necessary from initial construction to startup and commissioning, operations, sending current to the electrical grid and/or to power inhouse station loads. Such diverse and specialized electrical equipment provides generation plants with unique challenges.

In a typical power plant, the main generator's rotor derives mechanical energy from connected turbines which is powered by steam, water, wind, or other energy. In steam driven plants, the main generator's output current is connected to the low side of the generator step-up (GSU) transformers and auxiliary transformer through an array of individual rigid Isolated phase bus (IPB), often called 'Iso-phase' bus. Auxiliary transformers are used for inhouse operational loads and reduces the generator's output voltage to a medium voltage range. On the other hand, the GSUs steps up electrical potential, oftentimes in the range of high voltage (HV) and extra-high voltages (EHV) [9]. The GSU's high voltage current is transferred to the plant's switchyard either through overhead power lines and towers and/or underground cables. At the same time, the switchyard is used during startup and to power critical internal loads exclusive of the auxiliary transformer. The switchyard serves as the interconnection and demarcation between the power plant and the transmission or distribution grid system, which ultimately sends electrical energy to the customers.

The equipment involved between the actual generator and the grid is very similar to the electric overhead and underground designs used in T&D. And it is in this area of the power plant that the NESC provides substantial guidance for the construction and installation practices. For example, the above ground bare conductors used for overhead lines, their clearance spacing, sag calculations, suspension insulators, wind/ice loading and support structures, etc. between the GSUs and the switchyard are adequately addressed by NESC Part 2 – Safety Rules for Overhead Lines. NESC Part 3 – Safety Rules of Underground Lines, also provide significant directives for the subterranean electric infrastructure such as, insulated cables, depth and sizing of underground duct banks and conduit systems, manholes and vaults, pad mounted equipment, pole risers, and grounding and bonding. Since the NESC is primarily focused on T&D type environments, this part of the plant's design is well served by the NESC.

However, the internal loads necessary for the operation of the plant itself that are under the 'exclusive control' and are an 'integral part' of the generating plant, consists of significantly different types of electrical equipment and installations compared to those on the T&D side. This portion of the generating plant's electric distribution system is identical to 'Utilization Equipment' commonly found in large industrial facilities, such as petrochemical, oil & gas refineries, water & sewage treatment, manufacturing, food & beverage processing, data centers, semi-conductor production, mines, smelters and commercial buildings, etc. that are officially under the scope of the NEC and NFPA 70E. Some equipment examples found in both industrial and generation plants would be low and medium voltage switchgear, Motor Control Centers (MCC), panelboards, switchboards, electric motors, various types of transformers, conduits, raceways, non-segregated bus ducts, battery banks and their chargers, HVAC systems, inverters, control and relay panels, lighting fixtures (luminaires), feeder circuits, branch circuits, variable frequency drives, temporary power usage, and standard receptacle outlets in various voltages to identify just a few.

The NESC Section 2 defines "*Utilization Equipment" as "An electrical installation that uses electric or light energy for electronic, electromechanical, chemical, heating, light, testing, communication, signaling, or similar purposes on the premises wiring side of the service point."* However, this definition also contains an interesting clarifying note. *"Utilization equipment and premises wiring on the load side of the service point is intended to be performed under the NEC, regardless of whether a utility has exclusive control*.", (emphasis added).

The NESC provides definitions for the terms 'exclusive control' and '*exclusive control of utility'* because they are used numerous times throughout the code. "*Exclusive Control*" is defined as "*The installation, restricted access, operation (manual and/or automated), and maintenance of utility facilities by qualified and authorized persons*." And "*Exclusive Control of Utility*" is further defined in two parts as "*Where (a) energized facilities are separated from public access by a spatial or a physical barrier and accessible only to qualified personnel authorized by the serving utility, and (b) the utility is responsible for connection/disconnection of such facilities to/from energized sources of energy or signals*."

The NESC also defines additional key words:

"Service Point – The point of connection between the facilities of the serving utility and the premises wiring." However, a note under this definition states in part "*The service point is the point of demarcation between the service utility and the premises wiring. The service point is the point on the wiring system where the serving utility wiring ends and the premises wiring begins. The serving utility generally specifies the location of the service point based on the utility's condition of service*." And the "*Exact locations for a service point may vary from utility to utility, as well as from occupancy to occupancy.*" (emphasis added).

This means the service point is not a fixed point but rather something that's fluid and transient based on the electric utility determination.

"Premises Wiring – Interior and exterior wiring, including power, lighting, control, communication, and other signal circuit wiring together with all their associated hardware, fittings, and wiring devices, both permanently and temporarily installed either

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(a) from the service point or premises power source to the outlets, or (b) where there is no service point, from and including the non-utility power source to the outlets. Such wiring does not include wiring internal to appliances, luminaries, motors, controllers, motor control centers, and similar equipment, nor does it include utility equipment and wiring on the utility side of the service point." (emphasis added).

The demarcation 'Service Point' to determine the separation between 'Utility Wiring' and '*Premises Wiring*' is traditionally related to buildings, structures, and occupancies where the utility company is providing a customer with electric current through a meter. But where is the dividing line known as the 'Service Point' (as defined) between the 'Line Side – *Utility Wiring*" and the 'Load Side – *Premises Wiring*' as shown by Fig. 1, within the plant that are under the '*Exclusive Control*' and are an '*Integral Part*' of generation?

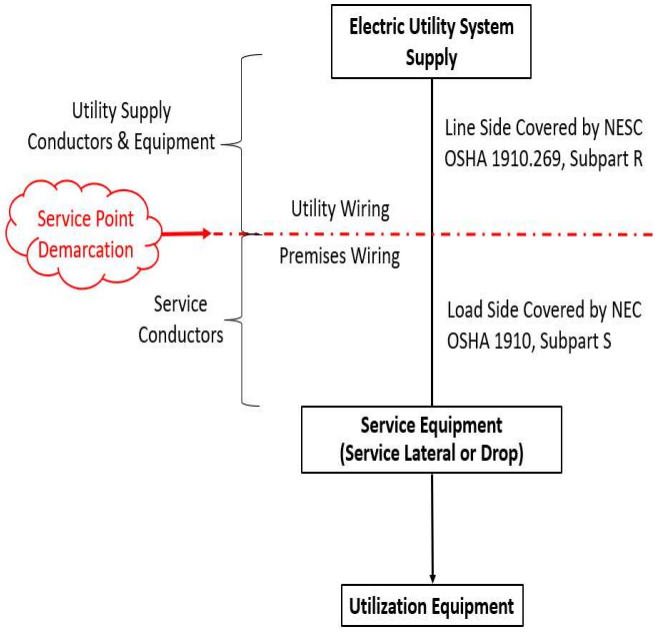


Fig. 1 – Demarcation between NESC and NEC

It is in this area of an electric generation station that the NEC and the NFPA 70E can provide significant additional safety enhancements and benefits by augmenting the NESC and OSHA regulations during the installation, operation, maintenance and for employee safe work practices.

The following are a few examples where voluntary use of the NEC will provide a safer design and installation.

Switchgears, Motor Control Centers, Switchboards, and Panelboards – Generation plants employ a vast array of medium and low voltage switchgears, switchboards, and panelboards for both alternating current (ac) and direct current (dc) needs. These distribution sources, provide both feeder circuits and branch circuits to countless equipment and loads to maintain plant operations. Rule 180 from the NESC provides some high-level directives for switchgear type assemblies however, the NEC Article 408 – *Switchboards, Switchgears and Panelboards*, contains substantially more detailed instructions, to include grounded and ungrounded ac and dc systems, short-circuit current ratings, power monitoring and energy management equipment, back-feed devices, mounting orientation, wire termination methods, minimum spacing between bare metal parts, environmental barriers, etc.

Motors, Motor Circuits and Controllers – Like other large industrial complexes, ac and dc electric motors and their associated controllers are an essential element in electric generating stations. Legacy analog motor controllers and newer digital variable frequency drives with programable logic controllers are very common for motor operated valve actuators, various types pump motors, HVAC needs, bridge cranes, etc. The NESC Section 13 titled "*Rotating Equipment*" has some instructions in Rules 130, 131 and 133 contained within in two pages 58 – 59. However, NEC Article 430 – *Motors, Motor Circuits and Controllers* in 430.1 through 430.245, houses substantially more detailed information, including motor control circuits, conductor ampacities, and their internal wiring configurations e.g. wye and/or delta, various types of motors such as, torque, single-speed, multi-speed, dual-voltage, locked rotor designations, etc., wire bending space in enclosures, continuous duty ratings, overload, short-circuit and ground-fault protection, speed limitations, phasing identification, disconnecting means, circuit breaker types, grounding and bonding requirements, etc.

Temporary Electrical Power – Generation plants rely heavily on temporary power during scheduled outages to conduct necessary maintenance and inspection work for the time when the main generator is taken offline and portions of distribution systems are deenergized. The voltages involved with vast majority of the temporary installations are in the realm of low voltage range of less than 1kV, such as 480v, 277v, 240v, 208v, and 120v but higher voltages are sometimes used. Temporary power contains the same hazards of shock and arc flash as permanently installed equipment; however, it has a higher risk of likelihood for an event due to its limited protection and vulnerability to damage than is found with of permanent installations. The NESC provides very little guidance in this area with Rule 014.C stating "*When an installation is for temporary service, or where facilities are temporarily relocated or reconfigured to facilitate other work, the resulting installation shall meet the requirements for non-temporary installation*." Whereas the NEC, Article 590 – *Temporary Installations*, contains very detailed and prescriptive instructional requirements.

Station Batteries, Battery Chargers, and Inverters – Since dc systems are necessary in power plants, battery banks, battery chargers and inversion equipment to convert dc to ac are very common. Section 14 'Storage Batteries' from the NESC, has been revised during the 2023 edition to include 'working spaces, enclosures, ventilation, racks, floor protection illumination, signage, and neutralizing agents'. While it contains some good information, it can be further supplemented by Article 480 of the NEC. The NEC contains additional requirements for corrosion prevention, intercell and intertier connections, disconnecting means, guarding of live parts, flame arresting requirements for vented cells, ground-fault detection for ungrounded systems, etc. Article 705 addresses interactive inverters for interconnected dc systems operated in parallel with utility supply, however several portions can be used with standard station batteries, for example splices and taps, conductor ampacity, sizing of neutral conductors, overcurrent, short-circuit and ground-fault protection, and unbalanced monitoring to enhance reliability.

Branch Circuits – Within electric utilities, the term 'feeders' are oftentimes used generically to identify all electrical circuits,

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regardless of its intended purpose. The NESC uses the term "Branch Circuit" only one time in Rule 111.D in reference to portable conductors, however it does not offer a technical definition of what constitutes a branch circuit to differentiate it from a feeder circuit. At the same time, the NESC uses the term 'Feeder' several times, but mainly with the preface of 'Railway Feeders' and 'Trolley Feeders', and does it have a definition. The NEC on the other hand, not only defines "*Branch Circuit"* in Article 100 as "*The circuit conductors between the final overcurrent device protecting the circuit and the outlet(s)*" but also defines "*Feeder"* as "*All circuit conductors between the service equipment, the source of a separately derived system, or other power supply source and the final branch-circuit overcurrent protection device*." and establishes very clear instructions for both. Article 210.1 through 210.70 covers 'Branch Circuits' while Article 215.1 through 215.18 covers 'Feeders'. Additional safety instructions are also provided by Article 220 addressing safe load calculations and Article 224 for 'Branch Circuits' and 'Feeders' installed outdoors.

Ground Fault Circuit Interrupters (GFCI) – Ever since the GFCI was first invented by Professor Charles Daziel in 1965, this marvelous wonder of science has been saving countless lives from electrocution throughout the proceeding decades. Professor Daziel not only invented the GFCI but was able to determine the safe level of electric current "*to prevent a lethal dose of electricity, specifically before the electricity can affect your heartbeat*." [10]

According to the Electrical Safety Foundation International (ESFI), GFCI receptacles were first required by the NEC for outdoor locations in 1971. Followed by bathrooms, garages, spas and hot tubs, commercial/residential kitchens, unfinished basements, crawlspaces, all water sinks, laundry/utility rooms, and outdoor hardwired outlets and sump pumps in the subsequent editions. In the decade between 1971 and 1981, an estimated 1101 people lost their lives to electric shock annually in the US alone, including about 491 electrocutions per year due to consumer product usage. However, the most current decade between 2011 and 2022, has seen a significant improvement in reduction of the number of deaths from electrocutions plummeting dramatically to an average of 246 deaths per year and 41 deaths from using consumer products. Since GFCIs were first introduces in the mid 70's, ESFI estimates an 80% drop from overall electrocutions and a 93% decrease in electrocutions from consumer products, as shown by Fig. 2. As GFCI requirements expanded with every passing year, the numbers of electrocutions continued to drop substantially despite the fact electric usage increased by 114% between 1978 and 2020 as shown by the data. At the same time, ESFI also estimated there would be a huge increase of 603% in electrocutions and 118% increase in electrocutions by consumer products, if the GFCI was not invented by Professor Daziel. [11] Studies have predicted future needs for electrical energy will continue to grow, in some cases exponentially. This expansive need for more electrical energy will invariability result in increased exposure to and greater risks of electric shock. Therefore, ample evidence exists that supports the fact, an increased use of GFCI protection will directly result in fewer deaths and serious injuries from electrical shock across all spectrums of electrical use, including electric utilities.

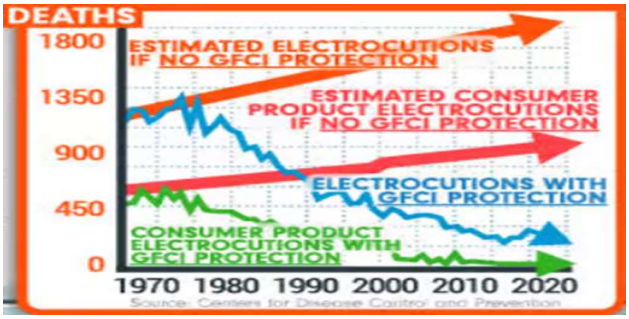


Fig. 2 – Electrical Fatalities from 1970 to 2020 [11]

Starting in 2023, the NESC now requires GFCI protection in wet and damp location but only for '*120 vac permanent receptacles'*, pursuant to Rule 111.E. However, prior editions of the NESC did not have any GFCI mandates. Also 'wet' and 'damp' locations, while used, are not defined by the NESC.

Compared to this, the NEC has mandated GFCI protection for over a half a century earlier. The 2023 NEC is substantially more encompassing for GFCI protection with 210.8(B) requiring all permanent branch circuit receptacles to have GFCI protection for all 125-volt through 250-volt single-phase circuits rated at 50 amperes or less and for all three-phase receptacles at 100 amperes or less, with a voltage potential to ground of 150 volts or less for fifteen (15) different locations in non-dwelling structures, such as bathrooms, rooftops, outdoors, 6 feet from water sinks, indoor damp or wet locations, vehicle garages, locker rooms with showering facilities, laundry areas, etc. Furthermore, 210.8(D) requires GFCI protection for twelve (12) specific electric appliances, also known as 'consumer products. Additionally, the NEC expands GFCI use 'for personnel protection' whenever using temporary power during '*construction, remodeling, maintenance, repair, demolition, or similar activities*' according to 590.6. The NEC not only mandates GFCI protection for all 125-volt, single-phase 15, 20 and 30 ampere receptacles that are '*not part of permanent wiring*' (temporary circuits) but also requires GFCI protection or the implementation of an '*Assured Equipment Grounding Conductor Program*' (AEGCP) for 'other receptacle outlets' other than 125-volt, single phase 12, 20, and 30 ampere receptacles per 590.6(B). This means non-typical temporary branch circuits with voltages such as 208v, 240v, 277v and 480v volts must have GFCI protection or the AEGCP.

Additional GFCI protection for the protection of personnel is further offered by NFPA 70E, 110.8, for '*conductive and wet locations'*, during '*maintenance and construction*' and when using cord set or plug-connected equipment '*outdoors'*.

Some may assume such locations are only found in the areas of the power plant that are officially '*covered'* by the NEC Article 90.2(C), such as warehouses, office buildings, garages, recreational facilities, etc., while partially true, this is not inclusive of all bathrooms, outdoor and indoor wet/damp locations, locker rooms, water sinks, or when using extension cords and plug and cord connected equipment, etc. Contrary to this, there exists many such facilities, locations and work activities within the portions of the power plant that are '*under the exclusive control of an electric utility…for the purpose of generation of electric energy*.' This caveat theoretically implies such locations with an increased risk of electric shock would be exempt based on the NEC's and NFPA 70E '*not covered'* scope during maintenance or construction activities.

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But if we enlarge the scope to capture other electrical equipment and their associated hazards into our 'not covered' net that are irrefutably under the exclusive control of and an integral part for the purpose of generating electric energy, then the applicability of the NEC and NFPA 70E becomes much clearer. As previously mentioned, switchgear, MCCs, switchboards, panelboards, motors, cable raceways, control panels, receptacle outlets, and other common industrial type electric equipment that are essential to the generation process abound throughout generating plants.

IV. COMPARING OSHA 1910.269 SUBPART R AND NESC AGAINST NFPA 70E FOR SAFE WORK PRACTICES

Worker safety practices during construction, maintenance, repairs and controlling hazardous electrical energy for overhead type equipment common with T&D infrastructure installed within generation plants, appear to be sufficiently addressed by OSHA 1910 subpart R and the NESC Part 4 – Work Rules.

However, safety practices when employees work on electrical equipment of the electric generating plant differing from T&D, such as switchgears, MCCs, switchboards, panelboards, motors, and other industrial type electrical distribution equipment may not be completely nor adequately addressed by either OSHA 1910.269 subpart R or the NESC Part 4 alone. And it is in these industrial like areas of power plants, that supplementation by NFPA 70E will provide additional robust electrical safety barriers for the protection of utility workers.

The following examples compare electrical worker safety practices based on OSHA 1910.269 augmented by the NESC Part 4 against NFPA 70E.

Arc Flash Protection

OSHA and NESC

Both OSHA 1910.269 and the NESC require the employer to perform an assessment to estimate the level of thermal energy from arc flash exposure of workers. If the incident energy exposure exceeds 2 cal/cm^2, then mandatory protection of workers is required of OSHA 1910.269(l)(8)(v) subpart R and the NESC Part 4. However, several exceptions are given which permits exposures greater than 2 cal/cm^2 for various scenarios and conditions.

For example, if the incident energy increases to 14 cal/cm^2 or less, then protection of the hands is satisfied when the worker is wearing rubber insulating gloves with protectors or wearing 'heavy-duty' leather work gloves (min. weight 407 gm/m^2).

For protection the worker's 'head or face', arc rated PPE is not necessary if the incident energy is < 9 cal/cm^2 for single-phase arcs in open-air or < 5 cal/cm^2 for '*other exposures'* if wearing head protection meeting OSHA 1910.135. But if the incident energy is ≥ 9 cal/cm^2 but < 13 cal/cm^2 for single-phase open-air exposure or ≥ 5 cal/cm^2 but < 9 cal/cm^2 for 'other exposures' then head protection meeting 1910.135 and an arc rated face shield with a minimum 8 cal/cm^2 rating must be worn. And if the exposure is limited to single phase arcs in open air, then the arc rating for the protection of the employee's 'head and face' may be 4 cal/cm^2 less than the estimated incident energy.

It should be noted, OSHA's head protection requirements pursuant to 1910.135 is mainly to protect against "falling objects" with a secondary requirement if the employee is exposed to electric shock (class G – 2.2kV or E – 20kv rated helmets). Such headgear according to 1910.135 consists of a standard hard hat complying with ANSI/ISEA Z89.1, as shown by Fig. 3.



Fig. 3 – Standard Hardhat Meeting ANSI Z89.1

Interestingly, there is no specific mention for any mandatory eye protection, such as safety glasses or goggles meeting ANSI/ISEA Z87.1, as required by OSHA 1910.133 in any of the scenarios listed above, nor is 1910.133 mentioned in the NESC.

The NESC uses several Tables for the selection of arc flash clothing limited to only ac voltages and based on the type of equipment. None of the tables identifies the need to determine an arc flash boundary, which is necessary to protect other employees or the public who may be in the work area. All the tables contain a precautionary note "*The use of the table in the selection of clothing is intended to reduce the amount or degree of injury but may not prevent all burns*." (emphasis added).

Table 410-1 applies to equipment energized from 50 volts to 600 volts based on a '*separation distance*" of 18 inches, without consideration for fault current or clearing times, other than identified in the superscript notes. This table also contains an exclusion note "*No value for clothing or clothing systems is specified for voltages between 601 V and 1000 V*."

Table 410-2 applies to open-air equipment for only single phase to ground arcs, energized from 1.1 kV to 46 kV, with consideration for fault current, maximum clearing times and arc gaps. An informational note states "*This table is not intended for phase-to-phase arcs or enclosed arcs (arc in a box)*."

Table 410-3 applies when workers are using live-line-tools, i.e., 'hot sticks', with energized lines or equipment in open-air from 46.1 kV to 800 kV with consideration for fault current, maximum clearing times, using the minimum approach distance (MAD), which is mainly a shock protection boundary, with an arc gap correction factor.

Table 410-4 apples to enclosed equipment energized from 1 kV to 36 kV, with consideration for fault current, maximum clearing times, with a minimum working distance of 48 inches. However, the enclosed equipment listed consists primarily of live-front pad mounted transformers, switching cabinets and horizontally racked circuit breakers which are common with distribution systems for energy delivery to customers but not in power plants, other than horizontally racked circuit breakers. But Table 410-4 does not mention if the data would also apply to vertically racked circuit breakers common in power plants.

Some of the equipment listed in Tables 410-1 and 410-4, is similar to enclosed equipment found in generation plants, but others are mainly used in underground distribution for energy delivery, such as live front pad-mounted transformers, switching cabinets and meter sockets. Tables 410-2 and 410-3 only apply to overhead lines and equipment in open-air.

OSHA 1910.269 provides Appendix E – *Protection From Flames and Electric Arcs* for additional guidance.

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Arc Flash Protection
NFPA 70E

70E on the other hand uses a lower 1.2 cal/cm^2 exposure as the threshold for arc flash protection. Arc-rated (AR) PPE is based on either a formal incident energy (IE) engineering analysis or the '*PPE Category 1 – 4*' based on Tables 130.7(C)(15)(a) for ac equipment up to 15 kV and 130.7(C)(15)(b) for dc up to 600 volts. It must be noted the use of the PPE category tables is conditionally permitted only if the specific parameters of voltage, equipment type, maximum available fault current, clearing times and working distances can be met. Additionally, the PPE values for dc arc flash listed in table 130.7(C)(15)(b) is based on open air arcs and shouldn't be used for enclosed dc equipment. The types of enclosed ac electrical equipment listed in Table 130.7(C)(15)(a), consists of panelboards, MCCs, switchgears, motor starters and arc-resistant equipment, which are far more common within generation plants. The dc equipment listed in 130.7(C)(15)(b) are also frequently used in power plants, such as battery banks, dc distribution systems and other sources of dc supply.

Three specific working distances of 18, 24 or 36 inches are specified which are derived from IEEE 1584 and a corresponding arc flash boundary (AFB) must be established to protect other workers. Informational labels are required to be affixed to equipment that require '*examination, adjustment, servicing, or maintenance while energized*.' The information contained in the labels, is very prescriptive requiring at a minimum, nominal system voltage, arc flash boundary and at least one of the following:

1) Available IE and corresponding working distance or the arc flash PPE category according to Tables 130.7(C)(15)(a) or (b)
2) Minimum arc rating of clothing or
3) Site-specific level of PPE.

PPE to protect the worker from IE according to 130.7, encompasses all parts of the worker's body without any deviation from the 1.2 cal/cm^2 level. The specific parts of the human anatomy include, the body itself, head, face, neck, chin, eyes, hands, arms, feet, and hearing protection. Head protection is conditionally based on the IE level. If the IE is 12 cal/cm^2 or less, then an arc rated face shield with an AR balaclava is permitted, however, a fully enclosing AR hood is required when the IE exceeds 12 cal/cm^2.

If the incident energy analysis method has been implemented, then specific arc flash PPE is listed in Table 130.5(G), but if the PPE Category method is used, then arc flash PPE is listed in Table 130.7(C)(15)(c).

NFPA 70E, contains a very helpful Table 130.5(C) – *Estimate of the Likelihood of Occurrence of an Arc Flash Incident for ac and dc* which lists many common electrical tasks with a corresponding likelihood of an arc flash event, shown with a simple 'YES' or 'NO' answer. This table helps remove any subjectivity when an arc flash could occur when performing certain tasks or work activities. However, it must be noted a 'NO' answer '*means an arc flash incident is not likely to occur*.' but it does not mean an arc flash will never occur during that task.

Electric Shock Protection
OSHA, NESC, 70E

OSHA, NESC and 70E, all establish safety distances from exposed energized parts using air as the dielectric medium.

OSHA and NESC uses a single term called '*Minimum Approach Distance*' (MAD) which is based on the nominal system voltage for either ac or dc. The MAD can be determined by established tables or engineering calculations which must factor inadvertent movement, altitude correction, and maximum transient overvoltage conditions for higher voltages. OSHA Tables R-3 through R-9 and NESC Table 441-1 through 441-6 provides additional guidance.

The NESC defines the MAD as "*The closest distance a qualified employee is permitted to approach either an energized or grounded object, as applicable for the work method being used*." The MAD can only be conditionally crossed by a qualified worker, if the person is adequately insulated from the exposed energized part or the exposed energized part is insulated from the worker, according to 1910.269(l)(3) and NESC Rule 441. The MAD can also apply to 'grounded objects' when workers are performing energized live-line-bare-hand (LLBH) work.

NFPA 70E on the other hand, separates electric shock for ac and dc into two distinct terms called the '*Restricted Approach Boundary*' (RAB) and the '*Limited Approach Boundary*' (LAB) which are also based on the nominal system voltage. The LAB is further subdivided into two additional categories, first when the exposed energized part is a '*fixed circuit part*', for example a rigid bus segment and second for '*movable conductor*' that is not under the control of the worker, meaning overhead power lines supported by poles and insulators.

Table 130.4(E)(a) lists the RAB and LAB for ac systems and Table 130.4(E)(b) for dc systems, voltage range for both is from 50 volts to 800 kV. Unlike the NESC and OSHA, 70E does not contain an alternative method to calculate the shock boundaries. Physical spacing requirements between the MAD and RAB are very similar.

One reason 70E has two separate shock boundaries, is to address safe work distances for both the qualified and unqualified electrical workers. The LAB has the greater distance and can be crossed by a qualified worker unconditionally but with justification. Unqualified workers are conditionally permitted to cross the LAB, after a briefing by a qualified worker of the hazards and is continuously escorted while inside the LAB. The RAB is very similar to the MAD, where qualified workers are conditionally allowed to cross into the space if the worker is adequately insulated from the exposed energized part or the exposed energized part is insulated from the worker. However, 70E makes it abundantly clear, unqualified workers are never permitted to cross the RAB under any reason.

For controlling hazardous energy inside generation stations, the NESC contains no specific requirement for a lockout/tagout (LOTO) program and uses generic uses terms like "can be locked", "lock or block", "suitable tags" or "tagging" but does not distinguish their use or limitations between generation and T&D.

OSHA regulations on the other hand under subpart R, contains two distinct and separate hazardous energy control programs. First is specific to only generation requiring LOTO per 1910.269(d) and the second is "Clearance Tags" which is limited to only T&D per 1910.269(m). The LOTO requirements of 1910.269(d) for generation is nearly identical to general hazardous energy controls pursuant to 1910.147 subpart J, except the former contains additional elements for controlling electrical energy.

NFPA 70E, identifies LOTO as the only means to control electrical energy and does not mention "clearance tags". This aligns with OSHA 1910.269(d) for mandatory LOTO in generation plants. 70E's LOTO program, training and audits is thoroughly addressed by article 110 and article 120 and is

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foundational for an Electrically Safe Work Condition (ESWC). The eight mandatory and sequential steps necessary for establishing and verifying an ESWC is found in 120.6(6) "*Apply LOTO devices in accordance with documented and established procedures.*"

To verify the part about to be touched is free of hazardous electricity, differences exist between OSHA/NESC and 70E. Within generation plants, upon attaching the LOTO, OSHA 1910.269(d)(6)(vii) requires "*If normally energized parts will be exposed to contact by employees while the machine or equipment is deenergized, a test shall be performed to ensure these parts are deenergized.*" The word 'deenergized' is defined as "*Free from any electrical connection to a source of potential difference and from electric charge; not having a potential that is different from the potential of the earth.*" But NFPA 70E, uses a unique and prescriptive approach beyond the subjective '*ensure its deenergized*' directive by verifying the absence of voltage with absolute certainty which is unofficially called 'LIVE-DEAD-LIVE' testing. Section 120.6(7) employs a pre-verification and a subsequent post-verification of the voltmeter on a known energized source before and after testing the part about to be touched is in fact 'deenergized'. The two "LIVE" steps validate the test instrument is operating correctly with 100% certainty and the" DEAD" verifies the part tested is truly absent of voltage.

Temporary protective grounding installed in a manner to develop an equipotential zone (EPZ) is identified in OSHA 1910.269(n), NESC Rule 4441.D, and NFPA 70E 120.6(8).

Studies have shown unintentional errors by workers are the leading cause of electrical near misses/close calls, injuries, fatalities, loss of production, and equipment damage. Human performance (HU) plays a key role in affecting the frequency and likelihood of human errors and the severity of negative consequences as an integral part of an overall risk management program. [12] Many different error precursors can contribute to mistakes and oversights by the workers' cognitive limitations as human beings but employing human error "HU" reducing tools will control and minimize accidents, events and incidents. NFPA 70E Informative Annex Q – *Human Performance and Workplace Electrical Safety*, contains a wealth of information that will assist employers address this serious health and safety threat posed by fallible human beings.

Injury Record

BLS data looking at the raw numbers for non-fatal electrical injuries comparing 11 different industries from 2003 to 2020 tends to show "Utilities" with a relatively good safety record with a total of 1590 electrical related injuries (390 electric shocks and 1200 electrical burns). Only "Mining" with 280 and "Other" with 540 total electrical injuries surpassed "Utilities" as shown by Fig. 4. However, when the injury numbers are compared according to the injury rate per 10,000 full time workers, then "Utilities" consistently reveal a significant higher "Days Away and Restricted & Transferred" (DART) rate for both "Electrical Injury" and "Electrical Burn Injury" for the same time frame as shown by Figs 5 and 6 [13]. While the greater number of electrical injuries shown for utilities are not irrefutable evidence that inadequate implementation of the NEC and NFPA 70E is directly related to the high injury rates in utilities, it is the opinion of the author, electrical injuries can be reduced if additional codes and standards are applied.

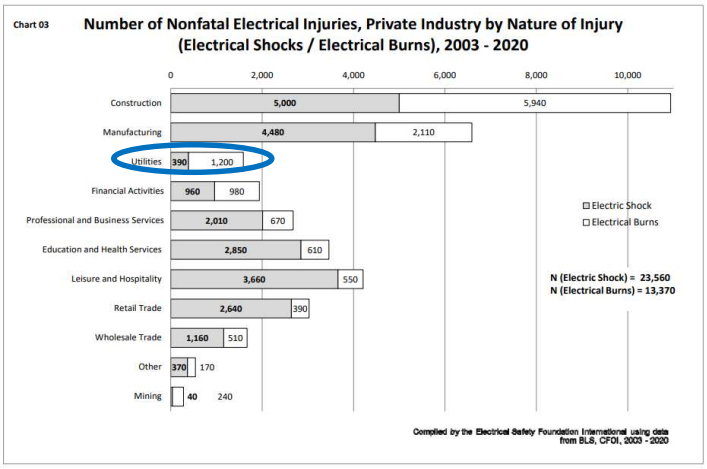


Fig. 4 Number of Nonfatal Electrical injuries 2003-2020

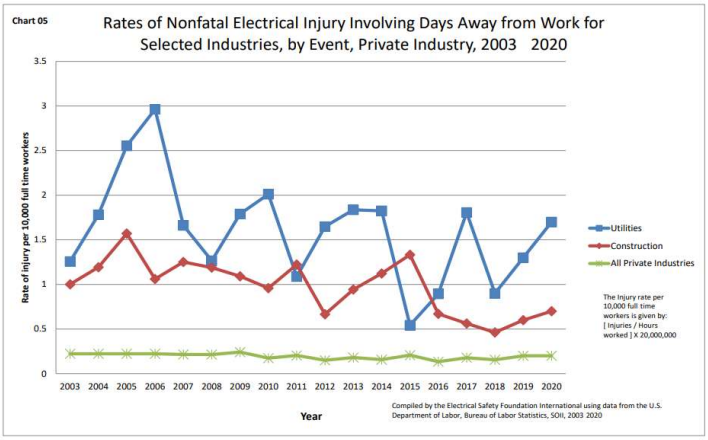


Fig. 5 Rates of Nonfatal Electrical Injuries DART 2003-2020

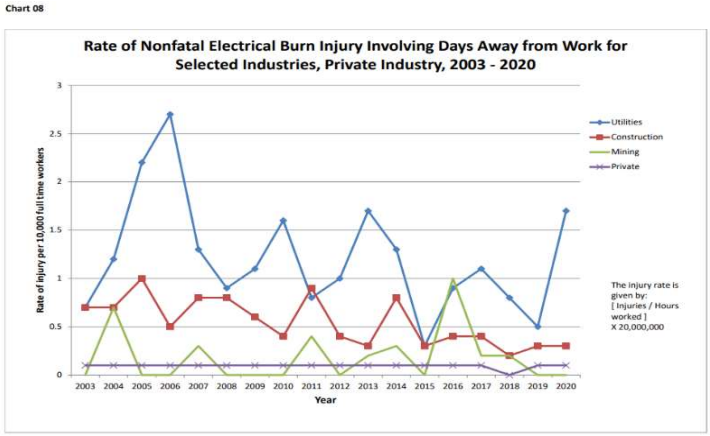


Fig. 6 Rate of Non-fatal Electrical Burn Injury 2003-2020

V. CONCLUSION

According to the National Electric Manufacturing Association (NEMA), "*The National Electrical Code (NEC) is the preeminent electrical installation code in the United States. However, the NEC takes on real significance with adopted into law by states and local jurisdictions.*" [14]

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NEMA's position regarding the NEC's effectiveness validates the safety value it can provide any industry who taps into its treasure trove of expertise during the design, installation and inspection of electrical equipment contained within its pages. The NFPA 70E incorporates a proven risk-based approach towards electrical safety for both arc flash and/or electric shock hazards by using risk assessments according to 130.4 or 130.5 respectively. Additional safety practices, HU error prevention tools and proven safety considerations that are also housed within 70E, which will help electrical workers in power generating plants achieve the same level of safety as those who work on similar equipment in countless of large industrial facilities and national testing laboratories throughout the US.

For generation stations in Canada, the Canadian Standards Association (CSA) Z362:21 – *Workplace Electrical Safety*, provides the same level of protection as NFPA 70E.

The basic premise of safety is to implement actions and practices to eliminate or mitigate the hazard to workers. It does not make sense to use different standards or codes to address the exact same hazard based on the industry or location of the electrical equipment. If the hazard to workers is the same, then the actions to protect the worker should be the same.

Incorporation of various other 'not covered' codes, standards, and industry best practices to augment compliance of OSHA regulations and the NESC through a comprehensive approach based on the hazards and the risks, will steer the electric utility industry towards long term electrical safety sustainability. The proactive and voluntary use of the NEC and NFPA 70E, CSA Z462, etc., within the applicable parts of generating plants and substations can effectively mitigate or even eliminate, many of the common hazards plaguing utility electrical workers today. This in turn will reduce the number of fatalities, serious injuries, equipment damage and production loss. Such an endeavor is a worthy and honorable goal towards electrical safety excellence with a strong return on investments for any employer who values "Practical Safeguarding" of their workers as their top priority.

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VII. VITA

George Cole is a native of Phoenix and is employed with the Arizona Public Service (APS) Company and currently works at the Palo Verde Nuclear Generating Station as the electrical safety consultant and formally as a journeyman maintenance electrician. During his career with APS, George has also worked in the T&D and electronic communications sectors.

He provides technical oversight of Palo Verde's electrical safety program to ensure compliance with OSHA regulations, safety codes and standards. He conducts electrical safety training, technical review of electrical safety procedures, lesson plans and participates in investigations of electrical accidents and incidents. He conducts audits of electrical safety programs within and without the nuclear power generating industry and holds credentials as a Certified Electrical Safety Compliance Professional (CESCP), Certified Electrical Safety Worker (CESW), Certified Utility Safety Professional (CUSP) and is an active member of the NFPA Certification Advisory Group (CAG). George is also an OSHA Special Government Employee (SGE) who assists the Arizona Division of Occupational Health and Safety (ADOSH) with electrical safety training and audits.

As for technical committees, George has active memberships in the IEEE IAS ESW – Occupational Safety and Health (OSH) Subcommittee and serves as a subject matter expert in electrical safety for the Industry Working Group (IWG) governance subcommittee for electrical safety within the nuclear power industry in the US and Canada.

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Public Input No. 3687-NFPA 70-2026 [Section No. 90.2(A)(2)]

(2) Not Covered.

This code does not cover the following:

(1) Installations in ships, watercraft other than floating buildings, railway rolling stock, aircraft, or automotive vehicles other than mobile homes and recreational vehicles

Informational Note: Although the scope of this code indicates that the code does not cover installations in ships, portions of this code are incorporated by reference into Title 46, Code of Federal Regulations, Parts 110–113.

(2) Installations underground in mines and self-propelled mobile surface mining machinery and its attendant electrical trailing cable

(3) Installations of railways for generation, transformation, transmission, energy storage, or distribution of power used exclusively for operation of rolling stock or installations used exclusively for signaling and communications purposes

(4) Installations of communications equipment under the exclusive control of communications utilities located outdoors or in building spaces used exclusively for such installations

(5) Installations under the exclusive control of an electric utility where such installations

(6) Consist of service drops or service laterals, and associated metering, or

(7) Are on property owned or leased by the electric utility for the purpose of communications, metering, generation, control, transformation, transmission, energy storage, or distribution of electric energy, or

(8) Are located in legally established easements or rights-of-way, or

(9) Are located by other written agreements either designated by or recognized by public service commissions, utility commissions, or other regulatory agencies having jurisdiction for such installations. These written agreements shall be limited to installations for the purpose of communications, metering, generation, control, transformation, transmission, energy storage, or distribution of electric energy where legally established easements or rights-of-way cannot be obtained. These installations shall be limited to federal lands, Native American reservations through the US Department of the Interior Bureau of Indian Affairs, military bases, lands controlled by port authorities and state agencies and departments, and lands owned by railroads.

Informational Note to (4) and (5): Examples of utilities can include those entities that are typically designated or recognized by governmental law or regulation by public service/utility commissions and that install, operate, and maintain electric supply (such as generation, transmission, or distribution systems) or communications systems (such as telephone, CATV, Internet, satellite, or data services). Utilities could be subject to compliance with codes and standards covering their regulated activities as adopted under governmental law or regulation. Additional information can be found through consultation with the governmental bodies, such as state regulatory commissions, the Federal Energy Regulatory Commission, and the Federal Communications Commission.

Informational Note: Refer to IEEE C.2 2028 National Electrical Safety Code

Statement of Problem and Substantiation for Public Input

I was a member of the 1999-2002 working group that defined service point because many large universities run "utility-like" installations and have sensitive relationships with merchant utilities; especially in the domain of district energy and interactive sources. I am the only one left to complain about the near-absence of the NEC's peer code (except deeper in Articles 267 and 800).

The NESC is the most important NEC-adjacent code in US Electrical Practice. The NESC liberally references the NEC; thereby recognizing evolving relationships between customer and energy provider. I see many references to federal laws and regulations that incorporate by reference the NESC for other than overhead wiring clearances.

The entire US electrical grid depends upon both sides working together. It is sub-optimal to recognize a boundary without recognizing both sides of the service point; or even naming it in the front end of the NEC.

Submitter Information Verification

Submitter Full Name:	Michael Anthony
Organization:	Standards Michigan LLC
Affiliation:	IEEE IAS/PES Joint Committee | IEEE Education & Healthcare Facilities Committee | https://site.ieee.org/icps-ehe/
Street Address:	
City:	
State:	
Zip:	

Submittal Date:	Thu Apr 09 16:52:46 EDT 2026
Committee:	NEC-P01

Public Input No. 824-NFPA 70-2026 [Section No. 90.2(A)(2)]

(2) Not Covered.

This code does not cover the following:

(1) Installations in ships, watercraft other than floating buildings, railway rolling stock, aircraft, or automotive vehicles other than mobile homes and recreational vehicles

Informational Note: Although the scope of this code indicates that the code does not cover installations in ships, portions of this code are incorporated by reference into Title 46, Code of Federal Regulations, Parts 110–113.

(2) Installations underground in mines and self-propelled mobile surface mining machinery and its attendant electrical trailing cable

(3) Installations of railways for generation, transformation, transmission, energy storage, or distribution of power used exclusively for operation of rolling stock or installations used exclusively for signaling and communications purposes

(4) Installations of communications equipment under the exclusive control of communications utilities located outdoors or in building spaces used exclusively for such installations

(5) Installations under the exclusive control of an electric utility where such installations

(6) _ Consist of service drops or service laterals, and associated metering, or

(7) _ Are on property owned or leased by the electric utility for the purpose of communications, metering, generation, control, transformation, transmission, energy storage, or distribution of electric energy, or

(8) _ Are located in legally established easements or rights-of-way, or

(9) _ Are located by other written agreements either designated by or recognized by public service commissions, utility commissions, or other regulatory agencies having jurisdiction for such installations. These written agreements shall be limited to installations for the purpose of communications, metering, generation, control, transformation, transmission, energy storage, or distribution of electric energy where legally established easements or rights-of-way cannot be obtained. These installations shall be limited to federal lands, Native American reservations through the US Department of the Interior Bureau of Indian Affairs, military bases, lands controlled by port authorities and state agencies and departments, and lands owned by railroads.

Informational Note to (4) and (5): Examples of utilities can include those entities that are typically designated or recognized by governmental law or regulation by public service/utility commissions and that install, operate, and maintain electric supply (such as generation, transmission, or distribution systems) or communications systems (such as telephone, CATV, Internet, satellite, or data services). Utilities could be subject to compliance with codes and standards covering their regulated activities as adopted under governmental law or regulation. Additional information can be found through consultation with the governmental bodies, such as state regulatory commissions, the Federal Energy Regulatory Commission, and the Federal Communications Commission.

(6) Area(s) within the hub zero boundary of a rocket launching or testing site as determined by the hub zero governing body.

Statement of Problem and Substantiation for Public Input

See newly proposed Article 556. Areas closest to a launch pad or test pad will be exempt from NEC requirements similar to 500.1B4 pyrophoric. Articles such as 501 would apply outside the radius of an area determined to be hub zero.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 827-NFPA 70-2026 [New Definition after Definition: Grounding Electrode Conduc...]	Ground Grid Network is a new definition found in Rocket Launch and Test Sites at new Article 556.
Public Input No. 845-NFPA 70-2026 [New Definition after Definition: Hospital.]	Hub Zero and Hub Zero Governing Body are new definitions that apply to new Article 556 Rocket Launch and Test Sites.
Public Input No. 846-NFPA 70-2026 [New Definition after Definition: Hospital.]	Hub Zero and Hub Zero Governing Body are new definitions that apply to new Article 556 Rocket Launch and Test Sites.
Public Input No. 821-NFPA 70-2026 [Section No. 500.1(B)]	Hub zero areas will be exempt of this code, including Hazardous Locations, due to their violent nature.
Public Input No. 820-NFPA 70-2026 [New Section after 555.56(B)]	90.2(A)(2)(6), Ground Grid Network, Hub Zero at Article 100, Hub Zero Governing Body at Article 100, 500.1B and Article 556 are all newly proposed for 2029. They work together enabling the implementation of Article 556.
Public Input No. 820-NFPA 70-2026 [New Section after 555.56(B)]	
Public Input No. 821-NFPA 70-2026 [Section No. 500.1(B)]	
Public Input No. 827-NFPA 70-2026 [New Definition after Definition: Grounding Electrode Conduc...]	
Public Input No. 845-NFPA 70-2026 [New Definition after Definition: Hospital.]	
Public Input No. 846-NFPA 70-2026 [New Definition after Definition: Hospital.]	

Submitter Information Verification

Submitter Full Name: Norm Feck
Organization: SpaceX
Affiliation: self
Street Address:
City:
State:
Zip:

Submittal Date: Fri Jan 30 09:19:55 EST 2026
Committee: NEC-P01

Public Input No. 3162-NFPA 70-2026 [Section No. 90.2(B)]

(B) Practical Safeguarding.

The purpose of this code is the practical safeguarding of persons and property from hazards arising from the use of electricity. This code is not intended as a design specification or an instruction manual~~ for untrained persons~~ .

Statement of Problem and Substantiation for Public Input

The phrase "for untrained persons" is recommended for deletion as the code is not a training manual for any person - untrained or otherwise. While one can be trained in the code and the code may be the basis for training, that does not make the code a training manual.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 11:01:42 EDT 2026
Committee: NEC-P01

Public Input No. 40-NFPA 70-2025 [Section No. 90.2(B)]

(B) Practical Safeguarding.

The purpose of this code is the practical safeguarding of persons and property from hazards arising from the use of electricity. This code is not intended as a design specification ~~or~~ nor is it intended as an instruction manual for trained or untrained persons.

Statement of Problem and Substantiation for Public Input

This recommendation makes it clear that the code is not intended as a training manual for anyone. The present wording implies that it is intended as a training manual for trained persons. While qualified persons do need to be trained in its requirements, the code itself is not intended as a training manual for anyone - trained or untrained.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Tue Oct 07 14:13:05 EDT 2025
Committee: NEC-P01

Public Input No. 1025-NFPA 70-2026 [Section No. 90.2(C)]

(C) Adequacy.

This code contains provisions that are considered necessary for safety. Compliance therewith and proper maintenance result in an installation that is essentially free from hazard but not necessarily efficient, convenient, or adequate for good service or future expansion of electrical use.

Informational Note No. 1 : Hazards often occur because of overloading of wiring systems by methods or usage not in conformity with this code. This occurs because initial wiring did not provide for increases in the use of electricity. An initial adequate installation and reasonable provisions for system changes provide for future increases in the use of electricity.

Informational Note. No 2: See NFPA 70B, Recommended Practice for Electrical Equipment Maintenance, for information related to corrective, preventive, predictive maintenance for electrical, electronic, and communication systems and equipment.

Statement of Problem and Substantiation for Public Input

New information note is added for NFPA 70B to provide guidance on the requirements of NFPA 70B for proper maintenance of installed electrical equipment in order to maintain installations that are free from electrical hazards.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 793-NFPA 70-2026 [Section No. 110.17]	

Submitter Information Verification

Submitter Full Name: Daniel Neeser
Organization: Eatonâ€™s Bussmann Division
Street Address:
City:
State:
Zip:

Submittal Date: Thu Feb 12 19:46:29 EST 2026
Committee: NEC-P01

Public Input No. 41-NFPA 70-2025 [Section No. 90.2(C)]

(C) Adequacy.

This code contains provisions that are ~~considered~~ necessary for safety. Compliance therewith and ~~proper~~ required maintenance result in an installation that is essentially free from hazard but not necessarily efficient, convenient, or adequate ~~for good service~~ for service or future expansion of electrical use.

Informational Note: Hazards often occur because of overloading of wiring systems by methods or usage not in conformity with this code. This occurs because initial wiring did not provide for increases in the use of electricity. An initial adequate installation and reasonable provisions for system changes provide for future increases in the use of electricity.

Statement of Problem and Substantiation for Public Input

These recommendations are made for compliance with 3.2.1 of the NEC Style Manual. The word "considered" is deleted as it is a violation of 3.2.1 and is unnecessary for application of the provision. The word "good" is deleted as what "good service" is subjective and a violation of 3.2.1 as it is vague. The word "proper" is vague and a violation of 3.2.1 and is recommended to be replaced with "required" but another word in place of "proper" would be considered a friendly amendment.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Tue Oct 07 14:19:26 EDT 2025
Committee: NEC-P01

Public Input No. 620-NFPA 70-2026 [Section No. 90.2(C)]

(C) Adequacy.

This code contains provisions that are considered necessary for safety. Compliance therewith and proper maintenance result in an installation that is essentially free from hazard but not necessarily efficient, convenient, or adequate for good service or future expansion of electrical use.

Informational Note: Hazards often occur because of overloading of wiring systems by methods or usage not in conformity with this code. This occurs because initial wiring did not provide for increases in the use of electricity. ~~An initial adequate installation and reasonable provisions for system changes provide for future increases in the use of electricity.~~

Statement of Problem and Substantiation for Public Input

Delete the last sentence since it adds no value and takes away from the real issue.

Submitter Information Verification

Submitter Full Name: Mike Holt
Organization: Mike Holt Enterprises Inc
Street Address:
City:
State:
Zip:

Submittal Date: Sun Jan 18 18:09:09 EST 2026
Committee: NEC-P01

Public Input No. 1820-NFPA 70-2026 [New Section after 90.2(D)]

Operation of Existing Installations

Electrical installations shall be maintained and operated as originally approved at the time of the original installation. If at a later date the original installation becomes a hazard to persons and or property as per the Authority Having Jurisdiction, the AHJ shall have the authority to require a correction to that original installation. The correction shall be permitted to be based on the original code cycle of the installation or it shall be permitted to be based on the current code cycle that is in effect for that jurisdiction.

Statement of Problem and Substantiation for Public Input

Our NEC provides us with rules for our installations of electrical systems but does not give us enforceable language that tells us about the continued safe operational conditions of these existing installations after approval.

Here are several reasons to help support the approval of this Public Input:

1) Hidden defective workmanship and or materials
2) Lack of required maintenance as per the Manufactures Installation Instructions
3) Environmental changes
4) Damaged equipment

Let's take a very common example of when a section of glued PVC conduit comes loose from a fitting and is now separated. If this were a new installation, the AHJ could have cited this as a code violation, however because this happened after the initial approval, our NEC does not give our AHJ's the power to enforce these types of corrections and these defective installations will most likely continue to exist as hazardous installations long into the future.

This new proposed section for "Operation of Existing Installations" is further supported by our defined term of "Servicing" which appears 146 times in our 2026 NEC, where as per the definition of Servicing which is "The process of following a manufacturer's set of instructions or applicable industry standards to analyze, adjust, or perform prescribed actions upon equipment with the intention to preserve or restore the operational performance of the equipment."

Without the proper and required servicing and maintenance of our electrical installations, we run the increased risk of electrical failures.

In closing, this new proposed section supports our most fundamental and important rule in our entire NEC code book which is" The purpose of this code is the practical safeguarding of persons and property from hazards arising from the use of electricity" as per 90.2(B).

The approval of this section will greatly help our AHJ's by providing additional clarity and new enforcement powers to be proactive rather than reactive.

Thank you
Steve Kavallaris
Chief Electrical Instructor
ElectricalTime.com

Submitter Information Verification

Submitter Full Name: Steve Kavallaris
Organization: Electricaltime.com
Street Address:

City:
State:
Zip:
Submittal Date: Sun Mar 22 09:26:45 EDT 2026
Committee: NEC-P01

Public Input No. 1058-NFPA 70-2026 [Section No. 90.3]

90.3 Code Arrangement.

(A) General.

This code is divided into ~~the introduction and nine~~ chapters, ~~as shown in~~ ~~Figure 90.3~~ ~~.~~ articles, and informative annexes.

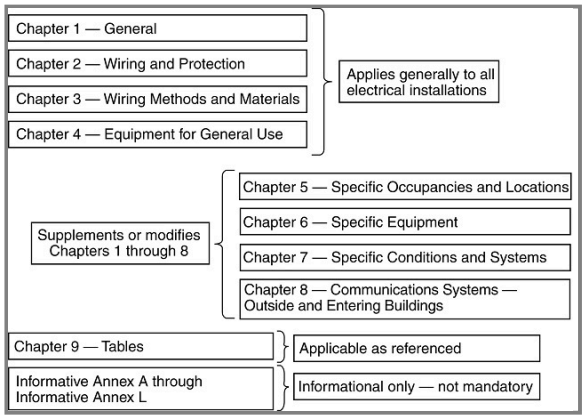
(B) Application.

(1) Chapters 1 through 4 apply ~~generally. Chapters~~ ~~5~~ ~~through~~ ~~8~~ ~~may supplement or modify the requirements in Chapters~~ ~~1~~ ~~through~~ ~~8~~ ~~.Chapter~~ ~~9~~ ~~consists~~ unless modified elsewhere in this code.

(2) Chapter 30 consists of tables that are applicable as referenced.

Informative annexes are not part of the requirements of this code but are included for informational purposes only.

~~**Figure 90.3 Code Arrangement.**~~



Statement of Problem and Substantiation for Public Input

This public input is submitted on behalf of the NEC-AAC 90.3 Task Group. With the reorganization of the NEC into 30 chapters the existing version of 90.3 no longer effectively maps out the application of the NEC. The proposed simplifiers the code application relative to the reorganized chapters. This public input also proposes the deletion of the figure in 90.3 as with the increased number of articles and chapters the figure would be dofficult to navigate.

Submitter Information Verification

Submitter Full Name: Kyle Krueger
Organization: NECA
Affiliation: NECA
Street Address:
City:
State:
Zip:
Submittal Date: Tue Feb 17 09:09:42 EST 2026
Committee: NEC-P01

Public Input No. 2803-NFPA 70-2026 [Section No. 90.4(B)]

(B) Interpretations.

The authority having jurisdiction for enforcement of the code has the responsibility for making interpretations of the rules, for deciding on the approval of equipment and materials, and for granting ~~the~~ special permission~~ contemplated in a number of the rules~~ .

Statement of Problem and Substantiation for Public Input

The current alludes to special permission only being allowed in the specific requirements that refer to it (such as 230.4, for example). The CMP's statements for First Revision 8866 for the 2026 edition indicate that special permission is always an option, so this text should be removed for clarity.

Submitter Information Verification

Submitter Full Name: Ryan Jackson
Organization: Ryan Jackson Electrical Training
Street Address:
City:
State:
Zip:

Submittal Date: Mon Apr 06 12:32:33 EDT 2026
Committee: NEC-P01

Public Input No. 1810-NFPA 70-2026 [Section No. 90.4(C)]

(C) Specific Requirements and Alternative Methods.

By special permission, the authority having jurisdiction may waive specific requirements in this code or permit alternative methods where it is assured that equivalent objectives can be achieved by establishing and maintaining effective safety, or where conditions of supervision and maintenance ensure that only qualified persons service the installation and where written procedures have been adopted that satisfy the requirements of the code section in question .

Statement of Problem and Substantiation for Public Input

This is already allowed in a few places in the Code. For example, relaxing condition 3 in 110.26(A)(1) to condition 2 when written procedures only allow one side of doors to be open at a time. Companies have been implementing very stringent work practices, for worker safety. For example, if the back of a switchboard is not allowed to be opened when the bus is energized, and the procedures and equipment are in place to ensure that the bus is de-energized while the covers are all in place, there is really no need to place a barrier on the bus. The work procedures fulfill the intention of the Code section, which is protecting the worker from an energized bus.

Submitter Information Verification

Submitter Full Name: Eric Stromberg
Organization: Los Alamos National Laboratory
Affiliation: Self
Street Address:
City:
State:
Zip:

Submittal Date: Sat Mar 21 19:31:53 EDT 2026
Committee: NEC-P01

Public Input No. 42-NFPA 70-2025 [Section No. 90.4(C)]

(C) Specific Requirements and Alternative Methods.

By special permission, the authority having jurisdiction may waive specific requirements in this code or permit alternative methods where it is assured ~~that equivalent objectives~~ that objectives can be achieved by establishing and maintaining effective safety.

Statement of Problem and Substantiation for Public Input

The word "equivalent" is vague and/or unenforceable per 3.2.1 of the NEC Style Manual and needs to be deleted for compliance.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Tue Oct 07 14:31:21 EDT 2025
Committee: NEC-P01

Public Input No. 1162-NFPA 70-2026 [Section No. 90.4(D)]

90.4 (D) New Products, Constructions, or Materials.

This code may require new products, constructions, or materials that may not yet be available at the time the code is adopted. In such event, the authority having jurisdiction may permit the use of the products, constructions, or materials that comply with the most recent ~~previous edition of~~ edition of this code~~ adopted by the jurisdiction~~ .

Informational Note: See Informative Annex H, Administration and Enforcement, for a model of guidelines that can be used to create an electrical inspection and enforcement program and to adopt *NFPA 70, National Electrical Code.*

Statement of Problem and Substantiation for Public Input

The removal of this text allows the use of an edition of the National Electrical Code that is not adopted in their jurisdiction. The existing language suggests that the latest NEC must be adopted to be used, but that is not always the case. Many jurisdictions are 6 years behind the latest published edition of the NEC; this would allow users to benefit from the latest published edition without worrying that the code is not "Adopted" in their area.

Submitter Information Verification

Submitter Full Name: Kenneth Castronovo
Organization: Broward County Board of Rules
Affiliation: IAEI
Street Address:
City:
State:
Zip:

Submittal Date: Tue Feb 24 11:12:07 EST 2026
Committee: NEC-P01

Public Input No. 469-NFPA 70-2025 [Section No. 90.4(D)]

(D) New Products, Constructions, or Materials.

This code may require new products, constructions, or materials that may not yet be available at the time the code is ~~adopted~~ incorporated by a jurisdiction . In such event, the authority having jurisdiction may permit the use of the products, constructions, or materials that comply with the most recent previous edition of this code ~~adopted~~ incorporated by the jurisdiction.

Informational Note: See Informative Annex H, Administration and Enforcement, for a model of guidelines that can be used to create an electrical inspection and enforcement program and to ~~adopt~~ incorporate the *NFPA 70, National Electrical Code* by reference .

Statement of Problem and Substantiation for Public Input

Incorporation by reference is a more accurate description than "adoption."

Submitter Information Verification

Submitter Full Name: Ryan Jackson
Organization: Ryan Jackson Electrical Training
Street Address:
City:
State:
Zip:

Submittal Date: Wed Dec 31 12:50:27 EST 2025
Committee: NEC-P01

Public Input No. 2354-NFPA 70-2026 [Section No. 90.7]

90.7 Examination of Equipment for Safety.

For specific items of equipment and materials referred to in this code, examinations for safety made under standard conditions provide a basis for approval where the record is made generally available through promulgation by organizations properly equipped and qualified for experimental testing, inspections of the run of goods at factories, and service-value determination through field inspections.

It is the intent of this code that factory-installed internal wiring or the construction of equipment need not be inspected at the time of installation of the equipment, except to detect alterations ~~or damage,~~ , damage, installation omissions, deficiencies or non-compliance with this Code, if the equipment has been listed by a qualified electrical testing laboratory in accordance with 110.3(C).

Informational Note No. 1: See Article 100 for definitions of *listed* and *reconditioned*.

Informational Note No. 2: See Informative Annex A for a list of product safety standards that are compatible with this code.

Additional Proposed Changes

File Name	Description	Approved
90.7_Examination_of_Equipment_for_Safety-PI_Illustrations.pdf	90.7 Examination of Equipment for Safety PI Illustration	

Statement of Problem and Substantiation for Public Input

Inspections have discovered Manufacturer's taking liberties after an NRTL has Certified the Manufacturing Facility and issued a Letter for Authorization to Mark products. Equipment and Products are being assembled, marketed, shipped for installation and arriving to jobsites with Non-Compliance to this Code. The responses during each inspections is "It's Listed" or "It's been evaluated by a NRTL"! The deficiency is documented with the code violation but these conflicts are escalating up to Mayors, City Managers, City or Town Councils Governor's and Legislative Bodies. The conflicts have moved towards lobbying for Bills to Omission of Jurisdiction Oversight or Enforcement Actions of any type.

Including this verbiage provides documented support to an AHJ when inspection Equipment or Products that affirm All Conductors and Equipment Field installed or Factory Assembled shall comply with this Code!

Submitter Information Verification

Submitter Full Name: James Hathorn
Organization: City of Irving
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 02 08:36:18 EDT 2026
Committee: NEC-P01

90.7 Examination of Equipment for Safety.

Public Input

Appropriate UL Standards Compliment, Affirm and Comply NEC Codes

- Generators
- UL 2200
- Panelboard Location
- Working Space
- White Conductors Installed As Phase Branch Circuits
- When does Code and the UL Standards Not have to Complement?

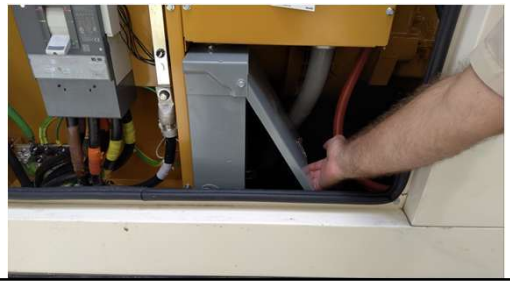
Appropriate UL Standards Compliment, Affirm and Comply NEC Codes

- Working Space 110.26
- Working Space is required for:
  - Generator Breaker
  - The Loadcenter
- Both Overcurrent Pieces of Equipment may require Examination
- If the Generator is Listed to Comply with UL 2200, should this Not Include All Applications of Panelboard Installation?

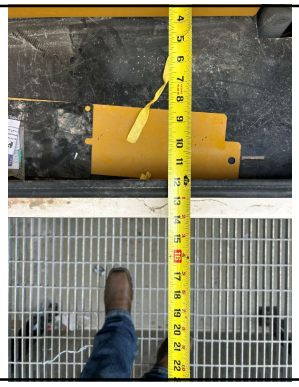
Appropriate UL Standards Compliment, Affirm and Comply NEC Codes



Appropriate UL Standards Compliment, Affirm and Comply NEC Codes











Appropriate UL Standards Compliment, Affirm and Comply NEC Codes

- What is wrong with the Breakers located in the Panelboard?
- 240.24 A



The importance of Equipment Evaluation to the Appropriate UL Standards

- What is wrong with the Breakers located in the Panelboard?
- 200.6 A






CAT

Appropriate UL Standards Compliment, Affirm and Comply NEC Codes

- What is wrong with the Breakers located in the Panelboard?
- 240.24 A
- The Breakers would Required to be Readily Accessible
  - Trip Hazards are Created 110.26 A 6
  - Access To and Egress the Panelboard 110.26 C



Working Space

The installation of Equipment and Switchboard shall have a Grade, Floor or Platform In The Working Space as Level and Flat as Practicable compliant with 110.26 A 6:

- The Required Depth
- The Require Width

Working Space

The installation of Equipment and Switchboard shall have a Grade, Floor or Platform In The Working Space as Level and Flat as Practicable compliant with 110.26 A 6:

- The Required Depth
- The Require Width






750
KOHLER Power.com


KOHLER







Working Space

When was the installation of Equipment, Transformer, Disconnect and Switchboard Installed? (Factory or Field)

Was this Equipment Included in the Standards Guideline for the Manufacturer Assembly Process to Ensure these areas are included.

- Does UL 2200 address/ cover the installation of equipment for compliance with 110.26 minimum requirements





Working Space

When these items are identified in the North Texas Region the pushback that is replied, “its Listed, why are you questioning the Generator”!

The issue is the Basis for an AHJ’s Approval Process is dependent upon the NRTL’s Evaluation Process!

This begins with 90.7, roles up to 110.2 and applying 110.3 A there are becoming more questions as it relates to UL’s Evaluation Process! This is beginning to cause question as to the Reliability of the NRTL’s Process, Listing and Compliance to the NEC!

How is an AHJ to have confidence that an NRTL’s Process is Trustworthy!


GENERAC
INDUSTRIAL POWER
GENERAC
INDUSTRIAL POWER




CAUTION
PRECAUCIÓN






GENERAC
GENERATOR UNIT
GENERATOR DATA


GENERAC
GENERATOR UNIT
GENERATOR DATA
CONFORMS TO
UL STD 2200
US
Intertek
4006399



Public Input No. 847-NFPA 70-2026 [Section No. 90.7]

90.7 Examination of Equipment for ~~Safety~~ Approval .

For specific items of equipment and materials referred to in this code, examinations for safety made under standard conditions provide a basis for approval where the record is made generally available through promulgation by organizations properly equipped and qualified for experimental testing, inspections of the run of goods at factories, and service-value determination through field inspections.

~~It is the intent of this code that factory~~ Factory -installed internal wiring or the construction of equipment~~ need not~~ , shall be inspected at the time of installation~~ of the equipment, except to detect alterations or damage, if~~ , unless the equipment has been listed by a qualified electrical testing laboratory~~ in~~ , a field evaluation body or a qualified person in accordance with 110.3~~(C)~~ .

Informational Note No. 1: See Article 100 for definitions of *listed*~~ and *reconditioned*~~ , *field evaluation body, and qualified person* .

Informational Note No. 2: See Informative Annex A for a list of product safety standards that are compatible with this code.

Statement of Problem and Substantiation for Public Input

the wording does not line up with the NEC style manual on permissive language and other methods for assisting the AHJ in the approval process. 90.7 is about the the approval of equipment and the title should reflex this.

Submitter Information Verification

Submitter Full Name: Alfio Torrisi
Organization: Vector Resource Corporation
Street Address:
City:
State:
Zip:

Submittal Date: Sat Jan 31 13:04:55 EST 2026
Committee: NEC-P01

Public Input No. 43-NFPA 70-2025 [Section No. 90.8(A)]

(A) Future Expansion and Convenience.

Plans and specifications that provide ample space in raceways, spare raceways, and additional spaces allow for future increases in electric power and communications circuits. Distribution centers located in readily accessible locations provide convenience ~~and safety of operation~~ and operation .

Statement of Problem and Substantiation for Public Input

The word "safety" is removed to comply with 3.2.1 of the NEC Style Manual regarding unenforceable and/or vague terms.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Tue Oct 07 14:38:15 EDT 2025
Committee: NEC-P01

Public Input No. 19-NFPA 70-2025 [New Section after 90.9]

TITLE OF NEW CONTENT

Type your content here ...90.10 Rounding

Calculations shall be permitted to be rounded to the nearest whole ampere or volt, with decimal fractions smaller than 0.5 dropped.

Statement of Problem and Substantiation for Public Input

This langauge is mainly borrowed from 120.5, but the words "or volt" were also added.
There is no reason to have to include fractions of an ampere or volt smaller than 0.5, considering that none of the vaules in the NEC are that specific anyway. Are conductors truly going to melt at 20.1 amperes? Is a wire really not good for 600.1 volts? Every ampacity, votlage rating, equipment rating, and OCPD rating is already rounded to a nice even number that ends with zero or five. Nothing is THAT accurate in the NEC. Notice that 690.4(G) already allows this not just for load calculations but for circuit sizing. That logic should carry through the entire NEC.
Consider at 10kW appliance supplied by 277V. If the load is continuous, the calucaltion is 10,000/277*1.25, which is 45.1A. There is is no reason that a 45A breaker should not be permitted for that application.
Companion PIs have been submitted to delete the language in 690.4 and 120.5.
If the CMP feels that this does not belong in Article 90, please place it in Article 110.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 18-NFPA 70-2025 [Section No. 120.5(B)]	
Public Input No. 18-NFPA 70-2025 [Section No. 120.5(B)]	
Public Input No. 20-NFPA 70-2025 [Section No. 690.4(G)]	

Submitter Information Verification

Submitter Full Name: Ryan Jackson
Organization: Ryan Jackson Electrical Training
Street Address:
City:
State:
Zip:

Submittal Date: Thu Oct 02 11:01:30 EDT 2025
Committee: NEC-P01

Public Input No. 470-NFPA 70-2025 [Definition: Accessible, Readily. (Readily Accessible)]

Accessible, Readily. (Readily Accessible)

Capable of being reached quickly for operation, renewal, or inspection without those requiring ready access to take actions such as to use tools other than keys, to climb over or under, to remove obstacles, or to resort to portable ladders. (CMP-1)

~~Informational Note: Use of keys is a common practice under controlled or supervised conditions and a common alternative to the ready access requirements under such supervised conditions as provided elsewhere in the *NEC* .~~

Statement of Problem and Substantiation for Public Input

Using a key is not an "alternative" to the ready access requirements. Using a key complies with the ready access requirements.

Submitter Information Verification

Submitter Full Name: Ryan Jackson
Organization: Ryan Jackson Electrical Training
Street Address:
City:
State:
Zip:

Submittal Date: Wed Dec 31 14:09:10 EST 2025
Committee: NEC-P01

Public Input No. 3424-NFPA 70-2026 [Definition: Approved.]

Approved.

Acceptable to the authority having jurisdiction. (CMP-1)

(See Annex A.100 Approved)

Additional Proposed Changes

File Name	Description	Approved
Annex_A_Approved.docx	Annex A Approved	

Statement of Problem and Substantiation for Public Input

The additional text proposed for Annex A for the definition of Approved is from NFPA 101 and provides additional information.

Submitter Information Verification

Submitter Full Name: David Williams
Organization: Delta Charter Township
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 08:08:35 EDT 2026
Committee: NEC-P01

A.100 Approved.

The National Fire Protection Association does not approve, inspect, or certify any installations, procedures, equipment, or materials nor does it approve or evaluate testing laboratories. In determining the acceptability of installations or procedures, equipment, or materials, the "authority having jurisdiction" may base acceptance on compliance with NFPA or other appropriate standards. In the absence of such standards, said authority may require evidence of proper installation, procedure, or use. The "authority having jurisdiction" may also refer to the listings or labeling practices of an organization that is concerned with product evaluations and is thus in a position to determine compliance with appropriate standards for the current production of listed items.

Public Input No. 3383-NFPA 70-2026 [Definition: Authority Having Jurisdiction (AHJ).]

Authority Having Jurisdiction (AHJ).

An organization, office, or individual responsible for enforcing the requirements of a code or standard, or for approving equipment, materials, an installation, or a procedure. (CMP-1)

Informational Note: The phrase “authority having jurisdiction,” or its acronym AHJ, is used in NFPA documents in a broad manner, since jurisdictions and approval agencies vary, as do their responsibilities. Where public safety is primary, the authority having jurisdiction may be a federal, state, local, or other regional department or individual such as a fire chief; fire marshal; chief of a fire prevention bureau, labor department, or health department; building official; electrical inspector; or others having statutory authority. For insurance purposes, an insurance inspection department, rating bureau, or other insurance company representative may be the authority having jurisdiction. In many circumstances, the property owner or ~~his or her~~ their designated agent assumes the role of the authority having jurisdiction; at government installations, the commanding officer or departmental official may be the authority having jurisdiction.

Statement of Problem and Substantiation for Public Input

The terms He / Him / His and She / Her / Hers can be seen as non-inclusive and less suitable for international use and translation.

1. The proposed term(s) align with plain-language writing practices and improve translatability for international audiences.
2. The change supports ULSE’s inclusive language goals by replacing gendered terms with neutral, technically descriptive alternatives without changing any technical requirement. Proposals are being made across ULSE’s portfolio supporting inclusive language.

Submitter Information Verification

Submitter Full Name: Charles Mercier
Organization: UL Standards & Engagement (ULSE)
Street Address:
City:
State:
Zip:
Submittal Date: Wed Apr 08 22:55:42 EDT 2026
Committee: NEC-P01

Public Input No. 3690-NFPA 70-2026 [Definition: Authority Having Jurisdiction (AHJ).]

Authority Having Jurisdiction (AHJ).

An organization, office, or individual responsible for enforcing the requirements of a code or standard, or for approving equipment, materials, an installation, or a procedure. (CMP-1)

[See Annex A A.100 Authority having Jurisdiction (AHJ)]

Informational Note: The phrase “authority having jurisdiction,” or its acronym AHJ, is used in NFPA documents in a broad manner, since jurisdictions and approval agencies vary, as do their responsibilities. Where public safety is primary, the authority having jurisdiction may be a federal, state, local, or other regional department or individual such as a fire chief; fire marshal; chief of a fire prevention bureau, labor department, or health department; building official; electrical inspector; or others having statutory authority. For insurance purposes, an insurance inspection department, rating bureau, or other insurance company representative may be the authority having jurisdiction. In many circumstances, the property owner or his or her designated agent assumes the role of the authority having jurisdiction; at government installations, the commanding officer or departmental official may be the authority having jurisdiction.

Additional Proposed Changes

File Name	Description	Approved
Annex_A_AHJ.docx	Annex A AHJ	

Statement of Problem and Substantiation for Public Input

Add the following information to Annex A for this defined term. The text proposed for Annex A for the definition of "Authority Having Jurisdiction, "(AHJ)" is from NFPA 101 and provides additional information.

Submitter Information Verification

Submitter Full Name: David Williams
Organization: Delta Charter Township
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 16:55:44 EDT 2026
Committee: NEC-P01

A.100 Authority Having Jurisdiction (AHJ).

The phrase “authority having jurisdiction,” or its acronym AHJ, is used in NFPA standards in a broad manner because jurisdictions and approval agencies vary, as do their responsibilities. Where public safety is primary, the authority having jurisdiction may be a federal, state, local, or other regional department or individual such as a fire chief; fire marshal; chief of a fire prevention bureau, labor department, or health department; building official; electrical inspector; or others having statutory authority. For insurance purposes, an insurance inspection department, rating bureau, or other insurance company representative may be the authority having jurisdiction. In many circumstances, the property owner or his or her designated agent assumes the role of the authority having jurisdiction; at government installations, the commanding officer or departmental official may be the authority having jurisdiction.

Public Input No. 397-NFPA 70-2025 [Definition: Building.]

Building.

A ~~structure that stands alone or that~~ stand alone structure, or a structure that is separated from adjoining structures by ~~fire walls~~ a fire wall provided for the purpose of creating separate structures . (CMP-1)

Statement of Problem and Substantiation for Public Input

Fire walls can be provided for creating fire areas or control areas within a building, or to create a horizontal exit in a building. Where used for these purposes, the building code considers the structure to be a single building. A fire wall can be used to divide a structure into multiple buildings, but the presence of a fire wall does not automatically divide a structure into multiple buildings.

Submitter Information Verification

Submitter Full Name: Matthew Shanks
Organization: Campbell Code Consulting
Street Address:
City:
State:
Zip:

Submittal Date: Thu Dec 18 14:11:50 EST 2025
Committee: NEC-P01

Public Input No. 1598-NFPA 70-2026 [Definition: Equipment.]

Equipment.

A general term, including but not limited to, conductors, wiring methods and materials such as raceways and cable assemblies, fittings, devices, appliances, luminaires, apparatus, machinery, and

~~the like~~

limited-energy systems, used as a part of, or in connection with, an electrical installation. (CMP-1)

Statement of Problem and Substantiation for Public Input

This revision to the defined term “equipment” is recommended by a Correlating Committee Task Group co-chaired by David Hittinger and Palmer Hickman with additional Task Group members including Mark Christian, Dean Hunter, Ryan Jackson, David Kendall, Kyle Krueger, Todd Lottmann, Kenneth Mckinney, Robert Osborne, Christine Porter, Chris Rawson, Duke Schamel, and David Williams.

This is a consensus recommendation from the aforementioned Task Group members that meets the direction given to them which is to “…evaluate the use of “Qualified Person” requirements throughout the NEC. Currently the NEC contains over 100 qualified person related requirements and exceptions. The task group should determine if there is an opportunity to enhance usability by consolidating these repetitive occurrences into general requirements. The task shall submit appropriate recommendations as public inputs for the 2029 NEC.”

This recommendation revises the defined term “equipment” to incorporate the various equipment that is in 90.2(A)(1) in the 2026 NEC. This revision, along with incorporating defined terms such as “limited-energy systems,” correlates 90.2(A)(1) with the recommended revised definition of “equipment” by removing superfluous words which are unnecessary as they are incorporated into the definition of “equipment.”

Related Public Inputs that also received consensus support from this Correlating Committee Task Group include revisions to 90.2(A)(1), 110.12 and the definition of “qualified person” which are necessary to correlate these requirements and definitions.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1533-NFPA 70-2026 [Section No. 110.12]	
Public Input No. 1541-NFPA 70-2026 [Section No. 90.2(A)(1)]	
Public Input No. 1597-NFPA 70-2026 [Definition: Qualified Person.]	
Public Input No. 3662-NFPA 70-2026 [Section No. 110.2]	
Public Input No. 3699-NFPA 70-2026 [Section No. 110.11]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 17 11:29:53 EDT 2026
Committee: NEC-P01

Public Input No. 550-NFPA 70-2026 [Definition: Equipment.]

Electrical Equipment.

A general term, including fittings, devices, appliances, luminaires, apparatus, machinery, and the like used as a part of, or in connection with, an electrical ~~installation.~~ installation and includes the electrical power-generating system; substations; distribution systems; utilization equipment; and associated control, protective, and monitoring devices. (CMP-1)

Statement of Problem and Substantiation for Public Input

the additional text adds clarity as to what is included as electrical equipment and falls in line with OSHA and NFPA 70B

Submitter Information Verification

Submitter Full Name: Alfio Torrisi
Organization: Vector Resource Corporation
Street Address:
City:
State:
Zip:

Submittal Date: Mon Jan 05 15:59:30 EST 2026
Committee: NEC-P01

Public Input No. 3216-NFPA 70-2026 [Definition: Location, Wet. (Wet Location)]

Location, Wet. (Wet Location)

A location that is one or more of the following:

(1) Unprotected and exposed to weather

(2) Subject to saturation with water or other conductive liquids

(3) Underground

(4) In concrete slabs or masonry in direct contact with the earth

(CMP-1)

Informational Note: A vehicle washing area is an example of a wet location saturated with water or other liquids.

Statement of Problem and Substantiation for Public Input

The definition of Wet Location does not recognize that insulating liquids exist, and their presence does not result in a wet location. An electrical room with an oil-filled transformer, should the oil leak, is subject to saturation with a liquid, but this is not a wet location. This would apply to any other environment that makes use of non-conductive cooling fluids. This change, if accepted, would eliminate any confusion around the presence of non-conductive liquids in determining the location type.

Submitter Information Verification

Submitter Full Name: Jason Potterf
Organization: Cisco
Affiliation: Cisco
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 14:25:28 EDT 2026
Committee: NEC-P01

Public Input No. 1725-NFPA 70-2026 [Definition: Premises Wiring (System).]

Premises Wiring (System).

Interior and exterior wiring, including power, lighting, control, and signal circuit wiring together with all their associated hardware, fittings, and wiring devices, both permanently and temporarily installed. This includes one of the following:

(1) Wiring from the service point to the ~~outlets~~ equipment

(2) Wiring from and including the power source to the ~~outlets if~~ equipment if there is no service point

Such wiring does not include wiring internal to appliances, luminaires, motors, controllers, motor control centers, and similar equipment. (CMP-1)

Informational Note: Power sources include, but are not limited to, interconnected or stand-alone batteries, solar photovoltaic systems, other distributed generation systems, or generators.

Statement of Problem and Substantiation for Public Input

This public input is being submitted on behalf of the Minnesota Department of Labor and Industry. Currently, the Department's electrical inspection staff includes 15 office/field staff, 77 state field electrical inspectors and 11 virtual inspectors that completed over 190,000 electrical inspections in 2025.

The defined term for "equipment" is a more inclusive word to use as opposed to "outlet". Outlet is defined as the point on the wiring system at which current is taken to supply utilization equipment. This definition implies a unidirectional flow of current from the wiring system to utilization equipment, which doesn't align with bidirectional or source-side systems like renewable energy sources (e.g., PV systems, wind turbines). Since "service point" already references premises wiring, and the connection may involve generation equipment, replacing "outlet" with "equipment" would improve technical accuracy, enhance clarity for inspectors, designers, and installers, future-proof the code for distributed energy resources (DERs).

Submitter Information Verification

Submitter Full Name: Dean Hunter
Organization: Minnesota Department of Labor
Street Address:
City:
State:
Zip:

Submittal Date: Thu Mar 19 15:51:16 EDT 2026
Committee: NEC-P01

Public Input No. 283-NFPA 70-2025 [Definition: Premises Wiring (System).]

Premises Wiring (System).

Interior and exterior wiring, including power, lighting, control, and signal circuit wiring together with all their associated hardware, fittings, and wiring devices, both permanently and temporarily installed. This includes one of the following:

(1) Wiring from the service point to the ~~outlets~~ final outlet supplying the utilization equipment

(2) Wiring from and including the power source to the ~~outlets~~ final outlet supplying the utilization equipment if there is no service point

Such wiring does not include wiring internal to listed appliances, luminaires, motors, controllers, motor control centers, and similar equipment. (CMP-1)

Informational Note: Power sources include, but are not limited to, interconnected or stand-alone batteries, solar photovoltaic systems, other distributed generation systems, or generators.

Statement of Problem and Substantiation for Public Input

the farthest point on an electrical system is the utilization equipment itself. the problem is when you call out the outlet most electricians think of the first outlet usually a receptacle, however this is not the case as the flexible cord and plug are also included in the premise wiring, the informational note can be misleading. 90.7 is clear only if the equipment is Listed it need not to be reviewed, this understand also internal wiring for in house assembled utilization equipment which can lead the user to believe under all condition internal wiring is excluded. Listed equipment with a product certification still needs an AHJ approval for its intended use even though the internal wiring is vetted for compliance e.g. an in-house motor controller is wired (article 409) the NEC extends to the internal wiring and components of the equipment (110.3) because of this clarity is needed and the revised language would better encompass the beginning (service point) and the end (utilization equipment) of the premises wiring system.

Submitter Information Verification

Submitter Full Name: Alfio Torrisi
Organization: Vector Resource Corporation
Street Address:
City:
State:
Zip:

Submittal Date: Wed Nov 26 13:43:08 EST 2025
Committee: NEC-P01

Public Input No. 1484-NFPA 70-2026 [Definition: Qualified Person.]

Qualified Person.

One who has skills and knowledge related to the construction, operation, and installation of electrical equipment and has received safety training to recognize and avoid the hazards involved. (CMP-1)

Informational Note: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for electrical safety training requirements.

Qualified Person.

An individual who possesses the necessary education, training, and hands on experience to competently perform specific tasks, solve technical problems, and ensure compliance with regulatory standards.

Education shall be proven with certification credentials. Examples: Certificate, advanced certificate, diploma and/or associates degree from a department of labor approved training program, such as a trade school, apprenticeship program or community college.

Training shall be proven with certification credentials. Examples: Company internal task specific certificate of training from a qualified person. This training shall only be provided to those who are already properly educated.

Hands on Experience shall be proven with documentaion of on the job training or actual hands on training in a department of labor approved class room setting.

Statement of Problem and Substantiation for Public Input

This change would offer a clearer definition and requirement to a company. Many times, I see issues and have had to make repairs and/or modification due to improper installation from qualified people. Some qualified people are defined as qualified just because they were showed how to do something by someone else. It may be right, or it may be wrong, they were never properly trained.

Please feel free to reword what I put, hoping the statement helps in providing a clearer picture of what a qualified person should be.

Submitter Information Verification

Submitter Full Name: Douglas Brown
Organization: Strategic Electrical Solutions
Affiliation: United Brine Services
Street Address:
City:
State:
Zip:

Submittal Date: Thu Mar 12 09:36:32 EDT 2026
Committee: NEC-P01

Public Input No. 1597-NFPA 70-2026 [Definition: Qualified Person.]

Qualified Person.

One who has skills and

~~knowledge related to the construction, operation, and installation of electrical equipment and has received safety training~~
knowledge relating to electrical equipment and is able to recognize and avoid the hazards involved. (CMP-1)

Informational Note:

See

~~NFPA~~

NFPA 70E , Standard for Electrical Safety in the Workplace

~~,~~

for electrical

~~safety~~

training requirements and NFPA 70B, Standard for Electrical Equipment Maintenance for how the scope, purpose, training, and definition of qualified person differs from those in NFPA 70 .

Statement of Problem and Substantiation for Public Input

This revision to the defined term “qualified person” and related informational note is recommended by a Correlating Committee Task Group co-chaired by David Hittinger and Palmer Hickman with additional Task Group members including Mark Christian, Dean Hunter, Ryan Jackson, David Kendall, Kyle Krueger, Todd Lottmann, Kenneth Mckinney, Robert Osborne, Christine Porter, Chris Rawson, Duke Schamel, and David Williams.

This is a consensus recommendation from the aforementioned Task Group members that meets the direction given to them which is to “…evaluate the use of “Qualified Person” requirements throughout the NEC. Currently the NEC contains over 100 qualified person related requirements and exceptions. The task group should determine if there is an opportunity to enhance usability by consolidating these repetitive occurrences into general requirements. The task shall submit appropriate recommendations as public inputs for the 2029 NEC.”

This recommendation revises the defined term “qualified person” to correlate with what is covered by the NEC. The informational note is revised to recognize how the scope, purpose, training, and definition of qualified person in NFPA 70E and NFPA 70B differs from NFPA 70.

Related Public Inputs that also received consensus support from this Correlating Committee Task Group include revisions to 90.2(A)(1), 110.12 and the definition of “equipment” which are necessary to correlate these requirements and definitions.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1533-NFPA 70-2026 [Section No. 110.12]	
Public Input No. 1598-NFPA 70-2026 [Definition: Equipment.]	
Public Input No. 1541-NFPA 70-2026 [Section No. 90.2(A)(1)]	
Public Input No. 1533-NFPA 70-2026 [Section No. 110.12]	
Public Input No. 1541-NFPA 70-2026 [Section No. 90.2(A)(1)]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:
Submittal Date: Tue Mar 17 10:46:43 EDT 2026
Committee: NEC-P01

Public Input No. 1612-NFPA 70-2026 [Definition: Qualified Person.]

Qualified Person. (Electrical Equipment Other Than Limited-Energy Systems)

One who has skills and knowledge related to the construction, operation, and installation of electrical equipment and has received safety training to recognize and avoid the hazards involved. (CMP-1)

Informational Note: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for electrical safety training requirements.

Statement of Problem and Substantiation for Public Input

If a definition of a Qualified Person is adopted for limited-energy systems, the current definition of Qualified Person will need to be modified to indicate that it covers all electrical installations other than limited-energy systems. That's precisely what this PI recommends.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1610-NFPA 70-2026 [New Definition after Definition: Qualified Person.]	

Submitter Information Verification

Submitter Full Name: Allen Dean
Organization: BICSI
Affiliation: BICSI
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 17 15:29:46 EDT 2026
Committee: NEC-P01

Public Input No. 2-NFPA 70-2025 [Definition: Qualified Person.]

Qualified Person.

One who has skills and knowledge related to the construction, operation, and installation of electrical equipment and has received safety training to recognize and avoid the hazards involved. (CMP-1)

~~Informational Note: See NFPA *70E* , *Standard for Electrical Safety in the Workplace* , for electrical safety training requirements.~~

Statement of Problem and Substantiation for Public Input

This informational note is recommended to be deleted as it has to do with safety-related work practices and not the training required to install electrical equipment per the NEC.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Mon Sep 29 17:45:53 EDT 2025
Committee: NEC-P01

Public Input No. 2040-NFPA 70-2026 [Definition: Qualified Person.]

Qualified Person.

One who has skills and knowledge related to the construction, operation, and installation of electrical equipment and has received safety training to recognize and avoid the hazards involved. (CMP-1) A person or persons shall report the the city and or the county or the state and take a 50 question electrical test on the subject they are wanting to wire, otherwise they shall NOT BE ABLE to pull a permit and HAVE INSPECTORS HELP THEM on their projects.

Informational Note: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for electrical safety training requirements.

Statement of Problem and Substantiation for Public Input

To many DIY's and inspectors helping dumb people that are not in the electrical field

Submitter Information Verification

Submitter Full Name: Joshua Peterson
Organization: PETERSON ELECTRIC LLC
Street Address:
City:
State:
Zip:

Submittal Date: Sat Mar 28 16:49:14 EDT 2026
Committee: NEC-P01

Public Input No. 2632-NFPA 70-2026 [Definition: Qualified Person.]

Qualified Person.

One who has skills and knowledge, training and experience related to the construction, operation, and installation of electrical equipment and has received safety training to recognize and avoid the hazards involved. (CMP-1)

Informational Note: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for electrical safety training requirements.

Statement of Problem and Substantiation for Public Input

The current definition lacks an inherent element that every qualified person must have to be considered qualified. training and experience are two essential characteristics of one who is qualified. The only training mentioned in the current definition is safety training to avoid electrical hazards. The revised definition will correlate much better with the rules in which the term is currently used and the the other rules where it is incorporated in the future. As the NEC development progresses, it seems that qualified persons should be required for all that use and apply the NEC. It's obvious that this is implied already. looking are many articles throughout the NEC that currently do not require qualified persons, seems there are many gaps. Articles such as 120 (calculations, 250 grounding and bonding, chapters 5 and 6 for specific occupancies and specific equipment all should require qualified persons.

Submitter Information Verification

Submitter Full Name: Michael Johnston
Organization: Roadrunner Technical Services LLC
Affiliation: None
Street Address:
City:
State:
Zip:

Submittal Date: Sat Apr 04 06:05:27 EDT 2026
Committee: NEC-P01

Public Input No. 3211-NFPA 70-2026 [Definition: Qualified Person.]

Qualified Person.

One who has skills and knowledge related to the construction, operation, and installation of electrical equipment and has received safety training to recognize and avoid the hazards involved. (CMP-1)

Informational Note: ~~See NFPA *70E* , *Standard for Electrical Safety in the Workplace* , for electrical safety training requirements~~ The definition of Qualified Person does not apply to limited-energy systems to the same degree as other electrical systems which if improperly installed could cause harm to individuals or buildings whereas Class 2, Class 3, or Class 4 limited-energy systems are defined to be inherently safe from shock and fire hazards .

Statement of Problem and Substantiation for Public Input

The Public Input is for CMP-1, Article 100 review.

The purpose of this input is to clarify proper application of the Qualified Person definition. This will give the Authority Having Jurisdiction and Inspectors when deciding if a particular operation or installation requires a licensed electrician. As it stands, the definition of Qualified Person can be open to interpretation. It does not clarify what electrical equipment requires a Qualified Person due to inherent safety risk from shock and fire hazards. For example, there is a big difference between a 3-phase transfer switch and a wireless network.

The Informational Note provides clarity for what types of listed equipment are inherently safe.

Submitter Information Verification

Submitter Full Name: Darren Reaman
Organization: CEDIA
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 14:09:41 EDT 2026
Committee: NEC-P01

Public Input No. 3408-NFPA 70-2026 [Definition: Qualified Person.]

Qualified Person.

One who has

~~skills and~~

the knowledge

~~related to the construction, operation, and installation of electrical equipment and has received safety training to recognize and avoid the hazards involved. (CMP-1)~~

~~Informational Note: See NFPA *70E* , *Standard for Electrical Safety in the Workplace* , for electrical safety training requirements.~~

or training to safely install, operate, or maintain electrical equipment in accordance with the manufacturer's instructions, applicable UL listings, and the requirements of this Code.

Informational Note No. 1: Qualification may be demonstrated through training, certification, or experience appropriate to the complexity of the equipment being installed or serviced. See NFPA 70E for electrical safety training requirements.

Informational Note No. 2: For listed systems such as a PCS, the manufacturer's installation instructions and UL listing provide the basis for safe installation. The AHJ verifies proper installation through inspection.

Statement of Problem and Substantiation for Public Input

The current definition ties qualification to subjective traits — "skills and knowledge" and "safety training to recognize and avoid hazards" — without connecting those traits to any verifiable standard. In practice this creates inconsistent interpretation: one jurisdiction may require a licensed electrician, another may accept a homeowner with relevant experience.
The revised definition shifts the focus from who the person is to what they must follow — manufacturer instructions, UL listings, and the Code. This makes qualification measurable and outcome-based rather than credential-based. It supports right-to-repair and right-to-build by recognizing that a person who follows listed instructions and passes AHJ inspection has demonstrated good judgment, regardless of title.

Submitter Information Verification

Submitter Full Name: Nicholas Johnson
Organization: Zesty Labs -> Energize.Ener
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 02:45:13 EDT 2026
Committee: NEC-P01

Public Input No. 580-NFPA 70-2026 [Definition: Qualified Person.]

Qualified Person. (as applied to electrical equipment other than limited-energy systems)

One who has skills and knowledge related to the construction, operation, and installation of electrical equipment and has received safety training to recognize and avoid the hazards involved. (CMP-1)

Informational Note: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for electrical safety training requirements.

Statement of Problem and Substantiation for Public Input

This PI is a companion to PI 574 which recommends a new definition,.

If a definition of a Qualified Person is adopted for limited-energy systems, the current definition of Qualified Person will need to be modified to indicate that it covers all electrical installations other than limited-energy systems. That's precisely what this PI recommends.

CCCA submitted the following 28 PIs for Article 100, Definitions.

1. Public Input No. 66-NFPA 70-2025 [Definition: Cable Bundle.]
2. Public Input No. 67-NFPA 70-2025 [Definition: Cable Routing Assembly.]
3. Public Input No. 68-NFPA 70-2025 [Definition: Cable Sheath.]
4. Public Input No. 110-NFPA 70-2025 [Definition: Cable, Abandoned. (Abandoned Cable)]
5. Public Input No. 111-NFPA 70-2025 [Definition: Cable, Coaxial. (Coaxial Cable)]
6. Public Input No. 61-NFPA 70-2025 [Definition: Cable, Limited-Energy. (Limited-Energy Cable)]
7. Public Input No. 64-NFPA 70-2025 [Definition: Cable, Limited-Use. (Limited-Use Cable)]
8. Public Input No. 62-NFPA 70-2025 [Definition: Cable, Metallic Conductor. (Metallic Conductor ...
9. Public Input No. 65-NFPA 70-2025 [Definition: Cable, Power-Limited Tray (Type PLTC). (Power-L...]
10. Public Input No. 63-NFPA 70-2025 [Definition: Cable, Under Carpet. (Under Carpet Cable)]
11. Public Input No. 69-NFPA 70-2025 [Definition: Class 2 Circuit.]
12. Public Input No. 70-NFPA 70-2025 [Definition: Class 3 Circuit.]
13. Public Input No. 71-NFPA 70-2025 [Definition: Class 4 Circuit.]
14. Public Input No. 72-NFPA 70-2025 [Definition: Class 4 Device.]
15. Public Input No. 73-NFPA 70-2025 [Definition: Class 4 Power System.]
16. Public Input No. 74-NFPA 70-2025 [Definition: Class 4 Receiver.]
17. Public Input No. 75-NFPA 70-2025 [Definition: Class 4 Transmitter.]
18. Public Input No. 76-NFPA 70-2025 [Definition: Class 4 Utilization Equipment.]
19. Public Input No. 112-NFPA 70-2025 [Definition: Fault-Managed Power (FMP).]
20. Public Input No. 113-NFPA 70-2025 [Definition: General-Purpose Cables, Cable Routing Assemblie...]
21. Public Input No. 114-NFPA 70-2025 [Definition: Limited-Energy System.]
22. Public Input No. 115-NFPA 70-2025 [Definition: Plenum Cable, Cable Routing Assemblies, and Rac...]
23. Public Input No. 580-NFPA 70-2026 [Definition: Qualified Person.]
24. Public Input No. 574-NFPA 70-2026 [New Definition after Definition: Qualified Person.]
25. Public Input No. 77-NFPA 70-2025 [Definition: Raceway, Communications. (Communications Racewa...
26. Public Input No. 78-NFPA 70-2025 [Definition: Riser Cable, Cable Routing Assemblies, and Race...]
27. Public Input No. 79-NFPA 70-2025 [Definition: Signaling Circuit.]
28. Public Input No. 109-NFPA 70-2025 [Definition: Wire (as applied to limited-energy systems).]

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 574-NFPA 70-2026 [New Definition after Definition: Qualified Person.]	New Definition: Qualified Person (as applied to limited energy systems)
Public Input No. 574-NFPA 70-2026 [New Definition after Definition: Qualified Person.]	
Public Input No. 1511-NFPA 70-2026 [Section No. 720.4(A)]	

Submitter Information Verification

Submitter Full Name: David Kiddoo

Organization: CCCA

Affiliation: CCCA

Street Address:

City:

State:

Zip:

Submittal Date: Mon Jan 12 12:30:20 EST 2026

Committee: NEC-P01

Public Input No. 1532-NFPA 70-2026 [Definition: Reconditioned Equipment.]

Reconditioned Equipment.

Electromechanical systems, equipment, apparatus, or components that are restored to operating conditions. This process differs from normal servicing of equipment that remains within a facility, relocation of equipment within or between facilities, or replacement of listed equipment on a one-to-one basis. (CMP-1)

Informational Note: The term *reconditioned* is frequently referred to as *rebuilt*, *refurbished*, or *remanufactured*.

Statement of Problem and Substantiation for Public Input

The code is unclear how equipment, in good working order, should be treated if relocated to a different facility and re-installed per the code and the equipment's listing. This process of moving equipment is common in process industries where the "line," including the associated electrical system, is relocated from one production facility to another. This change recommends allowing equipment to be relocated between facilities without being considered reconditioned. The requirements of the code such as suitability for installation such as NEC 110.2 and 110.3 would still apply to the re-installation.

Submitter Information Verification

Submitter Full Name: Samuel Fopma
Organization: Interstates
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Mon Mar 16 12:01:03 EDT 2026
Committee: NEC-P01

Public Input No. 2660-NFPA 70-2026 [Definition: Reconditioned Equipment.]

~~**Reconditioned Equipment**~~ **Recondition** .

~~Electromechanical systems, equipment, apparatus, or components that are restored to operating conditions~~ The restoration to operating condition of equipment, conductors and wiring methods . This process differs from normal servicing of equipment that remains within a facility, or replacement of listed equipment on a one-to-one basis. (CMP-1)

Informational Note: The term *reconditioned* is frequently referred to as *rebuilt*, *refurbished*, or *remanufactured*.

Statement of Problem and Substantiation for Public Input

This Public Input is being submitted on behalf of the NEC Correlating Committee Recondition Task Group which includes Paul Grein, Scott Harding, David Hittinger, Dan Hook, Christel Hunter, David Kendall, Robert Osborne and David Williams. There are two other companion Public Inputs: Revisions to Article 110.20 and a new definition, Wiring Methods.

Revising this definition makes it clear that conductors and wiring methods are subject to reconditioning requirements found elsewhere in this code. “Reconditioned Equipment” is changed to “Recondition” to reflect that it is a process (e.g. “to recondition”). The term “apparatus” is included in the definition of “equipment”, “components” is unnecessary because they are parts of the overall product, and each product is addressed individually for reconditioning, so “electromechanical systems” does not need to be separately listed.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2653-NFPA 70-2026 [Section No. 110.20]	
Public Input No. 2662-NFPA 70-2026 [New Definition after Definition: Wiring Device.]	
Public Input No. 2653-NFPA 70-2026 [Section No. 110.20]	
Public Input No. 2662-NFPA 70-2026 [New Definition after Definition: Wiring Device.]	

Submitter Information Verification

Submitter Full Name: G Scott Harding
Organization: FB Harding
Affiliation: Independent Electrical Contractors
Street Address:
City:
State:
Zip:

Submittal Date: Sat Apr 04 17:21:41 EDT 2026
Committee: NEC-P01

Public Input No. 2002-NFPA 70-2026 [Definition: Scope.]

Scope.

This article contains only those definitions essential to the application of this code. It is not intended to include commonly defined general terms or commonly defined technical terms from related codes and standards. An article number in parentheses following the definition indicates that the definition only applies to that article.

Informational Note: A definition that is followed by ~~a~~ an NFPA reference in brackets has been extracted from ~~one of~~ the following ~~standards~~ standard . Only editorial changes were made to the extracted text to make it consistent with this code.

- ~~NFPA 30A, *Code for Motor Fuel Dispensing Facilities and Repair Garages*~~
- ~~NFPA 33, *Standard for Spray Application Using Flammable or Combustible Materials*~~
- ~~NFPA 75, *Standard for the Fire Protection of Information Technology Equipment*~~
- ~~NFPA 79, *Electrical Standard for Industrial Machinery*~~
- ~~NFPA 99, *Health Care Facilities Code*~~
- ~~NFPA 101®, *Life Safety Code*®~~
- ~~NFPA 110, *Standard for Emergency and Standby Power Systems*~~
- ~~NFPA 303, *Fire Protection Standard for Marinas and Boatyards*~~
- ~~NFPA 307, *Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves*~~
- ~~NFPA 499, *Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas*~~
- ~~NFPA 790, *Standard for Competency of Third-Party Field Evaluation Bodies*~~
- ~~NFPA 1192, *Standard on Recreational Vehicles*~~

Statement of Problem and Substantiation for Public Input

the list is not inclusive and the point can be made with less. clear and concise intent without the laundry list

Submitter Information Verification

Submitter Full Name: Alfio Torrisi
Organization: Vector Resource Corporation
Street Address:
City:
State:
Zip:

Submittal Date: Sat Mar 28 12:48:12 EDT 2026
Committee: NEC-P01

Public Input No. 329-NFPA 70-2025 [Definition: Scope.]

Scope.

This article contains only those definitions essential to the application of this code. It is not intended to include commonly defined general terms or commonly defined technical terms from related codes and standards. ~~An article number in parentheses following the definition indicates that the definition only applies to that article.~~

Informational Note: A definition that is followed by a reference in brackets has been extracted from one of the following standards. Only editorial changes were made to the extracted text to make it consistent with this code.

(1) NFPA 30A, *Code for Motor Fuel Dispensing Facilities and Repair Garages*

(2) NFPA 33, *Standard for Spray Application Using Flammable or Combustible Materials*

(3) NFPA 75, *Standard for the Fire Protection of Information Technology Equipment*

(4) NFPA 79, *Electrical Standard for Industrial Machinery*

(5) NFPA 99, *Health Care Facilities Code*

(6) NFPA 101®, *Life Safety Code®*

(7) NFPA 110, *Standard for Emergency and Standby Power Systems*

(8) NFPA 303, *Fire Protection Standard for Marinas and Boatyards*

(9) NFPA 307, *Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves*

(10) NFPA 499, *Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas*

(11) NFPA 790, *Standard for Competency of Third-Party Field Evaluation Bodies*

(12) NFPA 1192, *Standard on Recreational Vehicles*

Statement of Problem and Substantiation for Public Input

Allowing an article number in parentheses following a definition to indicate that the definition applies only to that article creates the possibility of dual definitions and adds confusion for people interpreting the Code, especially in a legal context. This ambiguity can extend to courts, which rely on clear and consistent terminology when interpreting statutory or adopted code language. Adding an article number after a defined term functions as a cross-reference. The NFPA Manual of Style discourages this practice. Section 7.2.4 states that references to other documents or sections of a document are not permitted in definitions except for limited cases involving test standards.

Definitions in Article 100 are intended to have a single and uniform meaning throughout the entire Code. Introducing article specific limitations in those definitions goes against that intent and conflicts with the Manual of Style requirement that definitions must be only statements of meaning and not include contextual or limiting information. If a defined term truly requires a different meaning within a specific article, then different terms should be chosen by one of the articles.

Using parenthetical article numbers in Article 100 creates ambiguity for installers, designers, inspectors, enforcement personnel. It may also conflict with the Manual of Style goal of consistency and accuracy across other NFPA documents that reference the NEC.

Submitter Information Verification

Submitter Full Name: Stephen Schmiechen

Organization: Schmiechen
Street Address:
City:
State:
Zip:
Submittal Date: Fri Dec 05 12:40:59 EST 2025
Committee: NEC-P01

Public Input No. 2039-NFPA 70-2026 [Definition: Structure.]

Structure.

That which is built or constructed, other than equipment. (CMP-1) A free standing structure in a dwelling area or property is considered more than 400 sq ft and a single level and on pylons or monolithic pour. Anything smaller than this shall not be considered a free standing structure for power needs.

Statement of Problem and Substantiation for Public Input

Most cities and counties are not requiring permits on sheds less than 250' sq ft.

Submitter Information Verification

Submitter Full Name: Joshua Peterson
Organization: PETERSON ELECTRIC LLC
Street Address:
City:
State:
Zip:

Submittal Date: Sat Mar 28 16:44:34 EDT 2026
Committee: NEC-P01

Public Input No. 421-NFPA 70-2025 [Definition: Structure.]

Structure.

That which is built or constructed, other than electrical equipment or the necessary items used for equipment support . (CMP-1)

Statement of Problem and Substantiation for Public Input

'That which is built or constructed, other than equipment' is too broad and often misapplied. For example, if a 4 x 4 wood post is used to support a disconnect for an irrigation motor is considered by some to be a 'structure.' If the 4 x 4 post is a 'structure, this has significant grounding implications, requiring a ground rod for the wood post! Another example is that the base of a light pole is considered by some to be a structure, thereby requiring grounding and disconnecing means rules to be triggered (by some).
Please accept my PI or revise the definition (add an Informational Note).

Submitter Information Verification

Submitter Full Name: Mike Holt
Organization: Mike Holt Enterprises Inc
Street Address:
City:
State:
Zip:

Submittal Date: Tue Dec 30 13:49:02 EST 2025
Committee: NEC-P01

Public Input No. 108-NFPA 70-2025 [Definition: Voltage (of a circuit).]

Voltage (of a circuit).

The

~~greatest~~
root-mean-square

~~(rms) (effective) difference of potential~~
value of electromotive force, expressed in volts, nominal or actual, between any two circuit conductors of

~~the circuit concerned. (CMP-1)~~

~~Informational Note: Some systems, such as 3-phase 4-wire, single-phase~~

a 2-wire, 3-wire,

~~and 3-wire direct current, may have various circuits of various voltages.~~

4-wire or other multiple wire systems.

Statement of Problem and Substantiation for Public Input

Voltage (of a circuit).
1. The definition given contains unnecessary repetition of rms.

2.The word greatest is already understood by the definition of the compound term “root-mean-square”.

3. The definition is not specific enough to distinguish if what is meant by the terms "difference of potential" is the “actual measured difference of potential” or the “nominal difference of potential” or if it is said in regards to both.

The definition would be more concise and accurate in conveying the proper meaning if written as such:

Voltage (of a circuit).
The root-mean-square value of electromotive force, expressed in volts, nominal or actual, between any two circuit conductors of a 2-wire, 3-wire, 4-wire or other multiple wire systems.

Submitter Information Verification

Submitter Full Name: Abraham Gibbs
Organization: self
Street Address:
City:
State:
Zip:
Submittal Date: Tue Oct 14 15:39:57 EDT 2025

Committee: NEC-P01

Public Input No. 102-NFPA 70-2025 [Definition: Voltage, Nominal. (Nominal Voltage)]

Voltage, Nominal. (Nominal Voltage)

~~A nominal value assigned to a circuit or system for the purpose of conveniently designating its voltage class~~
The commonly generalized root-mean-square value of electromotive force, expressed in volts, in which the actual existing voltage in the respective system or circuit is intended to model; and referred to as (e.g., 120/

~~240 volts~~
240 volts , 480Y/

~~277 volts~~
277 volts ,

~~600 volts~~
600 volts).

~~(CMP-1)~~

~~Informational Note No. 1:~~

~~The actual voltage at which a circuit operates can vary from the nominal within a range that permits satisfactory operation of equipment.~~

~~Informational Note No. 2:~~

~~See ANSI C84.1-2011, *Voltage Ratings for Electric Power Systems and Equipment (60 Hz).*~~

Statement of Problem and Substantiation for Public Input

The definition given would be more accurate in conveying the proper meaning if written as such:

Voltage, Nominal. (Nominal Voltage)
The commonly generalized root-mean-square value of electromotive force, expressed in volts, in which the actual existing voltage in the respective system or circuit is intended to model; and referred to as (e.g., 120/240 volts, 480Y/277 volts, 600 volts).

Submitter Information Verification

Submitter Full Name: Abraham Gibbs
Organization: self
Street Address:
City:
State:
Zip:

Submittal Date: Tue Oct 14 11:05:17 EDT 2025
Committee: NEC-P01

Public Input No. 2686-NFPA 70-2026 [Definition: Voltage, Nominal. (Nominal Voltage)]

Voltage, Nominal. (Nominal Voltage)

A nominal value assigned to a circuit or system for the purpose of conveniently designating its voltage class ~~(e . g., 120/240 volts, 480Y/277 volts, 600 volts).~~ (CMP-1)

Informational Note No. 1: The actual voltage at which a circuit operates can vary from the nominal within a range that permits satisfactory operation of equipment.

Informational Note No. 2: See ANSI C84.1-2011, *Voltage Ratings for Electric Power Systems and Equipment (60 Hz).*

Informational Note No. 3: See IEC TR 63282, LVDC systems - Assessment of standard voltages and power quality requirements for a list of nominal dc voltages.

Informational Note No. 4: Examples of nominal voltages include 120/240 volts ac, 480Y/277 volts ac, 600 volts ac, 175 volts dc, 175/350 volts dc, 350 volts dc, 350/700 volts dc, 700 volts dc, 700/1400 volts dc, 1400 volts dc.

Statement of Problem and Substantiation for Public Input

This Public Input is being submitted on behalf of the NEC Correlating Committee DC Task Group which includes Danish Zia, Jason Fisher, Randy Dollar, Larry Wildermuth, Scott Higgens, Scott Harding, Mark Earley, Jason Hopkins, Chad Kennedy and Tom Domitrovich. This Public Input, along with other Public Inputs, was developed with the goal of improving usability and accuracy on requirements associated with DC circuits.

Direct current (DC) power distribution is rapidly expanding in the United States due to the growth of renewable energy, battery storage, electric vehicles, data centers, and modern power electronics. The existing definition of nominal voltage only provides examples of AC distribution voltages which are defined in ANSI C84.1. This PI moves the examples and adds similar examples of common DC distribution voltages under new Informational note 4. ANSI C84.1 is currently being reviewed for update or release as a new document to cover DC distribution voltages. A new informational note 3 references IEC TR 63282 which contains a list of nominal dc installation and distribution voltages and is useful for the user.

Submitter Information Verification

Submitter Full Name: Danish Zia
Organization: UL Solutions
Street Address:
City:
State:
Zip:

Submittal Date: Sun Apr 05 08:54:24 EDT 2026
Committee: NEC-P01

Public Input No. 3675-NFPA 70-2026 [Definitions (100): Line-To-Gro... to Line-to-Neu...]

Definitions (100): Line-To-Gro... to Line-to-Neu...

Line-To-Ground.

An electrical reference between a current-carrying conductor other than a neutral conductor and an equipment grounding conductor, grounded equipment, or ground. (CMP-~~1~~ 5)

Line-to-Line.

An electrical reference between two current-carrying conductors in a circuit other than a neutral conductor. (CMP-~~1~~ 5)

Line-to-Neutral.

An electrical reference between a current-carrying conductor, other than a neutral conductor, and a neutral conductor or neutral point in a circuit. (CMP-~~1~~ 5)

Statement of Problem and Substantiation for Public Input

These definitions, new to the 2026 NEC, were acted on by CNP 5 and should be the purview of CMP5. CMP 5 has the terms neutral conductor equipment grounding conductor, grounded, ground and neutral point and all these terms should remain consistent. I realize this is not a CMP 1 decision but this should be sent to the NEC correlating committee.

Submitter Information Verification

Submitter Full Name: Paul Dobrowsky
Organization: Innovative Technology Services
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 16:36:43 EDT 2026
Committee: NEC-P01

Public Input No. 3350-NFPA 70-2026 [New Definition after Definition: Conductor, Insulated. (Ins...]

Conductor, Line (Line Conductor)
An ungrounded conductor.

Statement of Problem and Substantiation for Public Input

The term Line Conductor is used in the Code but is not defined. This is a companion PI to a PI which defines Phase Conductor. All ungrounded conductors are Line Conductors, but only Line Conductors from a three-phase (or two-phase) system can be called Phase Conductors. The Code sometimes uses the text 'Line or Phase' conductors. There have been PIs in the past to suggest just using one or the other. The CMP rejected these PIs. The difference between Line and Phase has never really been that important, but i believe it is becoming more important to distinguish between them. Arc Flashes are probable with Phase Conductors, but are not very likely between Line Conductors from a single phase (single winding) system.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3351-NFPA 70-2026 [New Definition after Definition: Conductor, Insulated. (Ins...]	

Submitter Information Verification

Submitter Full Name: Eric Stromberg
Organization: Los Alamos National Laboratory
Affiliation: Self
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 20:04:55 EDT 2026
Committee: NEC-P01

Public Input No. 3351-NFPA 70-2026 [New Definition after Definition: Conductor, Insulated. (Ins...]

Conductor, Phase (Phase Conductor)

An ungrounded conductor from a three-phase system. A Phase Conductor is also a Line Conductor.

Statement of Problem and Substantiation for Public Input

The word "Phase," in the case of a three-phase system, means time displacement. There are three sinusoids that are out of phase with each other. This is very important when it comes to incident energy (arc flash). When there are more than one sinusoids, there are zero crossings that occur at different times. When one sinusoid crosses zero, another sinusoid can still feed the fault. This is a companion PI to a PI which defines Line Conductor. All ungrounded conductors are Line Conductors, but only Line Conductors from a three-phase (or two-phase) system can be called Phase Conductors. The Code sometimes uses the text 'Line or Phase' conductors. There have been PIs in the past to suggest just using one or the other. The CMP rejected these PIs. The difference between Line and Phase has never really been that important, but i believe it is becoming more important to distinguish between them. Arc Flashes are probable with Phase Conductors, but are not very likely between Line Conductors from a single phase (single winding) system.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3350-NFPA 70-2026 [New Definition after Definition: Conductor, Insulated. (Ins...]	

Submitter Information Verification

Submitter Full Name: Eric Stromberg
Organization: Los Alamos National Laboratory
Affiliation: Self
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 20:14:14 EDT 2026
Committee: NEC-P01

Public Input No. 2654-NFPA 70-2026 [New Definition after Definition: Electric Power Production ...]

Electric Room

A dedicated secure space or area that is designed to isolate electrical equipment.

Statement of Problem and Substantiation for Public Input

The Massachusetts Boards of Fire Prevention Regulations and State Examiners of Electricians who oversee the electrical code promulgation and enforcement respectfully encourages the National Electrical Code (NEC) Technical Committee, Correlating Committee and Code Making Panel 1 to consider the attached proposal for defining the term Electric Room. Numerous documents, such as NFPA 13 and the ICC refer to the term, however, neither those documents nor the NEC provide any definition to provide guidance. This has caused difficulty with interpretations and enforcement. Electric rooms have often been misused in the industry. While the equipment housed in these areas requires qualified personnel, to maintain, repair and install, the location of this equipment has never been defined or limited. The hazards for clear space around electric equipment is clearly identified in various code articles, the space in which it is housed has never been identified. Dedicated space is required to provide working clearances around electrical equipment and to provide emergency egress from hazards around electrical equipment. Providing a definition of what an electric room is will better serve the industry by providing dedicated rooms that contain the electrical equipment and to provide guidance of what the room cannot be used for.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2656-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2657-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2658-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2659-NFPA 70-2026 [New Section after 110.32]	
Public Input No. 2661-NFPA 70-2026 [New Section after 110.32]	
Public Input No. 2656-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2657-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2658-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2659-NFPA 70-2026 [New Section after 110.32]	
Public Input No. 2661-NFPA 70-2026 [New Section after 110.32]	

Submitter Information Verification

Submitter Full Name:	Chris Towski
Organization:	
Affiliation:	MA Boards of Fire Prevention Regulations and State Examiners of Electricians
Street Address:	
City:	
State:	
Zip:	
Submittal Date:	Sat Apr 04 16:55:31 EDT 2026
Committee:	NEC-P01

Public Input No. 3302-NFPA 70-2026 [New Definition after Definition: Enclosed.]

Enclosed Panel Unit(s).

An assembly of a single or group of panel units placed in a cabinet, enclosure, or cutout box placed in or against a wall, partition, or other support; and accessible only from the front. (CMP-1)

Informational Note: See the definitions of cabinet, cutout box, enclosure, and enclosed for information related to the definition and application of enclosed panel unit(s).

Statement of Problem and Substantiation for Public Input

This definition incorporates and defines several critical concepts and definitions much the same way the definition of "equipment" does such as where that definition of "equipment" incorporates several defined terms such as "fittings," "devices," "appliance," and "luminaire," as well as undefined terms such as "machinery" and "apparatus."

This definition is logically submitted to CMP-1 since the key defined terms "enclosed" and "enclosure" are under the purview of CMP-1. Further, both the defined terms "cabinet" and "cutout box" are enclosures per their respective definitions.

This definition of "enclosed panel unit(s)" is used in six locations in Article 110 as submitted in related public inputs which are also under the purview of CMP-1. Further, this definition is not limited only to Article 110 as evident by the lack of "an article in parenthesis" as described in the scope statement for Article 100. This would allow the term to be used outside of Article 110.

The aforementioned critical concepts and definitions incorporated and related to the definition and related informational note include definitions such as "cabinet," cutout box," enclosure," and "enclosed." Again, the key definitions "enclosed" and "enclosure" under the purview of CMP-1 and "cabinet" and "cutout box" are enclosures, by definition.

Both the new definition of "enclosed panel unit(s)" and the two of the related definitions are included here both as substantiation and for ready reference.

Enclosed Panel Unit(s). An assembly of a single or group of panel units placed in a cabinet, enclosure, or cutout box placed in or against a wall, partition, or other support; and accessible only from the front. (CMP-1)

Enclosed. Surrounded by a case, housing, fence, or wall(s) that prevents persons from accidentally contacting energized parts. (CMP-1)

Enclosure. The case or housing of apparatus or the fence or walls surrounding an installation,intended to prevent personnel from either unintentionally contacting energized parts or to protect the equipment from physical damage, or both. (CMP-1)

Additional defined types of "enclosures" (a defined term covered above) used within the definition of "enclosed panel unit(s)" include "cabinet" and "cutout box."

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3308-NFPA 70-2026 [Section No. 110.28]	Related to the defined term.
Public Input No. 3312-NFPA 70-2026 [Section No. 110.26(E) [Excluding any Sub-Sections]]	Related to the defined term.
Public Input No. 3314-NFPA 70-2026 [Section No. 110.26(A)(1)]	Related to the defined term.
Public Input No. 3319-NFPA 70-2026 [Section No. 110.16]	Related to the defined term.
Public Input No. 3322-NFPA 70-2026 [Section No. 110.26(A)(3)]	Related to the defined term.
Public Input No. 3324-NFPA 70-2026 [Section No. 110.26(D)]	Related to the defined term.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 17:07:49 EDT 2026
Committee: NEC-P01

Public Input No. 3551-NFPA 70-2026 [New Definition after Definition: Enclosed.]

Enclosed Assembled Panel Unit(s).

Accessible only from the front, a single panel or group of panel units assembled in the form of a single panel, including buses and automatic overcurrent protective devices (OCPDs), that are placed in a cabinet, enclosure, or cutout box placed in or against a wall, partition, or other support.

Informational Note: See the definitions of cabinet, cutout box, enclosure, and enclosed for information related to the definition and application of enclosed assembled panel unit(s).

Statement of Problem and Substantiation for Public Input

This recommendation defines an otherwise undefined term that enhances application and enforcement of this code.

This definition incorporates and defines several critical concepts and definitions much the same way the definition of "equipment" does such as where that definition of "equipment" incorporates several defined terms such as "fittings," "devices," "appliance," and "luminaire," as well as undefined terms such as "machinery" and "apparatus."

This definition is logically submitted to CMP-1 since the key defined terms "enclosed" and "enclosure" are under the purview of CMP-1. Further, both the defined terms "cabinet" and "cutout box" are enclosures per their respective definitions.

This definition of "enclosed assembled panel unit(s)" is used in six locations in Article 110 as submitted in related public inputs which are also under the purview of CMP-1. Note that this definition would not be limited only to Article 110 as evident by the lack of "an article in parenthesis" as described in the scope statement for Article 100. This would allow the term to be used outside of Article 110, if necessary.

The aforementioned critical concepts and definitions incorporated and related to the definition and related informational note include definitions such as "cabinet," cutout box," enclosure," and "enclosed." Again, the key definitions "enclosed" and "enclosure" under the purview of CMP-1 and "cabinet" and "cutout box" are enclosures, by definition.

Related definitions are included here both as substantiation and for ready reference.

Enclosed. Surrounded by a case, housing, fence, or wall(s) that prevents persons from accidentally contacting energized parts. (CMP-1)

Enclosure. The case or housing of apparatus or the fence or walls surrounding an installation, intended to prevent personnel from either unintentionally contacting energized parts or to protect the equipment from physical damage, or both. (CMP-1)

Again, additional defined types of "enclosures" (a defined term covered above) used within the definition of "enclosed assembled panel unit(s)" include "cabinet" and "cutout box."

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3579-NFPA 70-2026 [Section No. 110.28]	Correlates the definition and the requirement.
Public Input No. 3577-NFPA 70-2026 [Section No. 110.26(E)]	Correlates the definition and the requirement.

Public Input No. 3575-NFPA 70-2026 [Section No. 110.26(D)]	Correlates the definition and the requirement.
Public Input No. 3574-NFPA 70-2026 [Section No. 110.26(A)(3)]	Correlates the definition and the requirement.
Public Input No. 3568-NFPA 70-2026 [Section No. 110.26(A)(1)]	Correlates the definition and the requirement.
Public Input No. 3565-NFPA 70-2026 [Section No. 110.16]	Correlates the definition and the requirement.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 12:24:07 EDT 2026
Committee: NEC-P01

Public Input No. 884-NFPA 70-2026 [New Definition after Definition: Generator Terminals.]

Grade (as applied to elevation)
The ground level or the slope of the land which serves as the benchmark for where the building or structure meets the ground.

Statement of Problem and Substantiation for Public Input

The term "grade" as it applies to elevation is used more than 100 times throughout the National Electrical Code. This will help clarify the baseline at which grade is established.

Submitter Information Verification

Submitter Full Name: Paul Cormier
Organization: Cormier's Code Class
Affiliation: Cormier's Code Class
Street Address:
City:
State:
Zip:

Submittal Date: Wed Feb 04 09:21:01 EST 2026
Committee: NEC-P01

Public Input No. 1256-NFPA 70-2026 [New Definition after Definition: Identified (as applied to ...]

TITLE OF NEW CONTENT

Add back in Definitions

Type your content here ...In Sight From (Within Sight). Equipment that is visible and not more than15 m (50 ft.) distance from other equipment is in sight fromthat other equipment.

Statement of Problem and Substantiation for Public Input

This needs to be in definitions because it is a definition and used in many articles. I understand that definitions are not enforceable so also leave it in Article 110.
The fact that it is in Articles would make it enforceable but you need to know the NEC definition of in sight.

Submitter Information Verification

Submitter Full Name: George Tidden
Organization: IES Residential
Affiliation: IEC
Street Address:
City:
State:
Zip:

Submittal Date: Wed Mar 04 11:39:52 EST 2026
Committee: NEC-P01

Public Input No. 3150-NFPA 70-2026 [New Definition after Definition: Neon Tubing.]

TITLE OF NEW CONTENT

Network Connectable Equipment

Equipment that does or can be connected through a virtual or physical interface or directly connect to the internet or external systems through wired or wireless pathways using various protocols

Statement of Problem and Substantiation for Public Input

It is not just network connected equipment that must be evaluated for cybersecurity. It is any equipment with communication capability. A great example is Stuxnet, where the Iranian centrifuges were destroyed by a virus, transmitted via thumb drives, even though the centrifuge controllers were not connected to a network (internet). Providing a definition of "network-connectable equipment", will improve the clarity of cybersecurity requirements.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1963-NFPA 70-2026 [Section No. 110.3(A)]	Defined phrase is used in PI 1963
Public Input No. 1963-NFPA 70-2026 [Section No. 110.3(A)]	

Submitter Information Verification

Submitter Full Name: Vincent Saporita
Organization: Saporita Consulting
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 09:56:27 EDT 2026
Committee: NEC-P01

Public Input No. 1564-NFPA 70-2026 [New Definition after Definition: Photovoltaic Cell (PV). (S...]

Physical Damage (Subject to Physical Damage)

Where Abrasion, Chemicals, Environmental Factors, Impact, Mechanical Forces and or Pressures are or very likely to damage or impair the function or integrity of Equipment, Raceways and or Wiring Methods as per the Authority Having Jurisdiction.

Additional Proposed Changes

File Name	Description	Approved
Merriam_Webster_Collegiate_Dictionary_Twelfth_Edition_Definitions.docx	Merriam Webster Collegiate Dictionary Twelfth Edition Definitions	

Statement of Problem and Substantiation for Public Input

“Subject To Physical Damage” appears over 100 times in our NEC requirements but is not a presently defined term.

Because this widely used term is undefined, there are differences in opinions as to what is "Subject to Physical Damage" and what is NOT "Subject to Physical Damage" which can cause lots and lots of problems for our Electricians, AHJ's and the property owners from very costly delays in the completion of the electrical installations. For example, 330.12(1) tells us that MC Cable shall not be used where Subject to Physical Damage and now the approval of the electrical installation fails because the AHJ has determined that the installation is Subject to Physical Damage, while the Electrician has determined that the installation is NOT Subject to Physical Damage which now causes delays and costs in getting the electrical installation approved.

The Scope of Article 100 Definition tells us "This article contains only those definitions essential to the application of this code. It is not intended to include commonly defined general terms or commonly defined technical terms from related codes and standards.", therefore I am proposing that the term "Physical Damage" should be considered as a defined term that is essential to this code.

NFPA Manual of Style further tells us that "Spelling and definitions of general words and terms shall follow the most current edition of Merriam-Webster’s Collegiate Dictionary.", so I searched for the term "Physical Damage" and it is not defined in the Merriam-Webster’s Collegiate Dictionary.

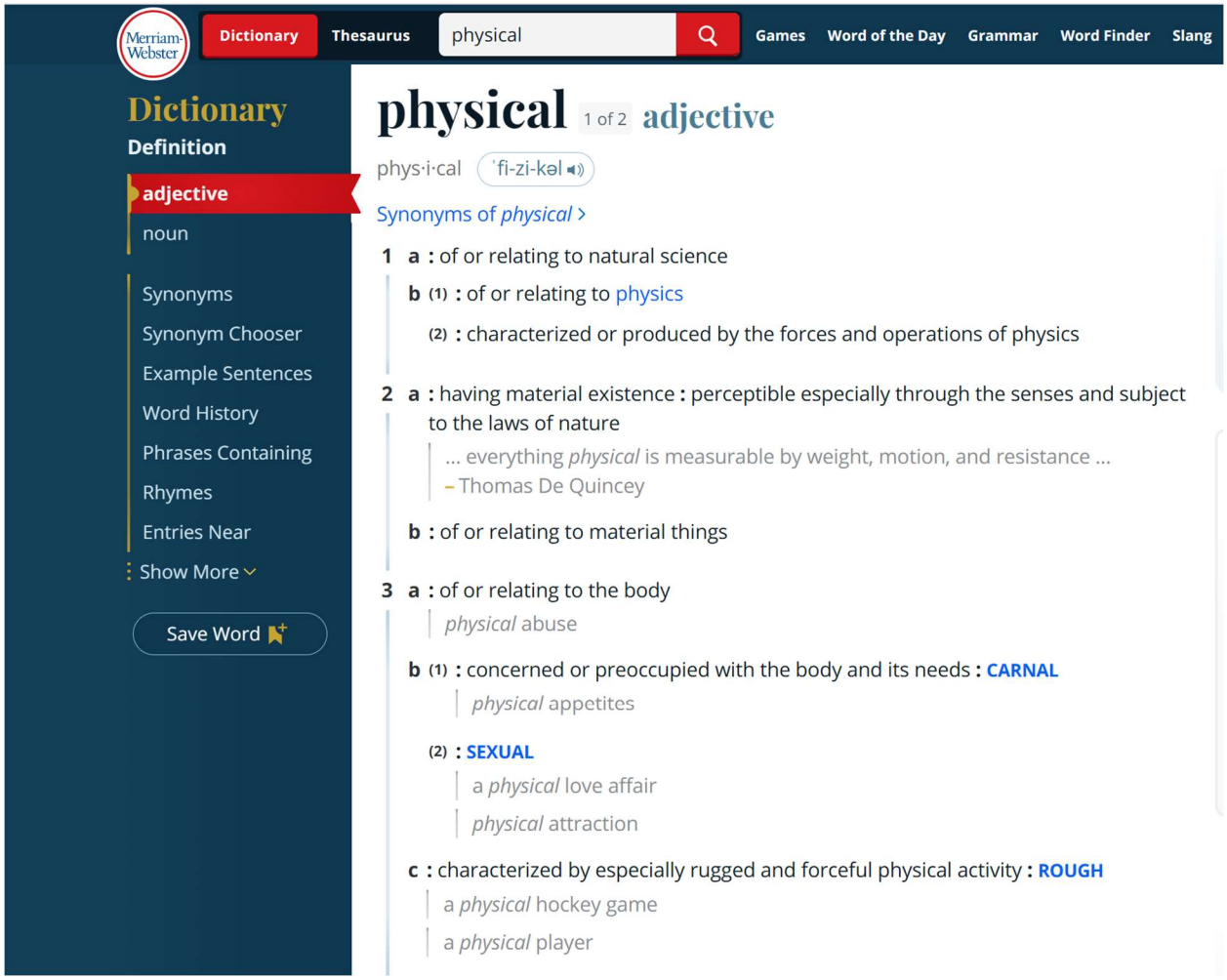
Next, I searched for the definitions of "physical" and "damage" which is attached in the Word document to this Public Input to see if I could easily put them together to form our new defined term and that really convinced me that this new defined term is very much "essential to the application of this code". In this new proposed definition, I included commonly used examples such as Abrasion and other examples so that the electrician and the AHJ can use these as a checklist to help determine is an installation is Subject to Physical Damage. The examples that I included are not limited to just those examples and if there are other examples that the code Making Panel would like to include or exclude, that would be great.

Thank you
Steve Kavallaris
Chief Electrical Instructor
ElectricalTime.com

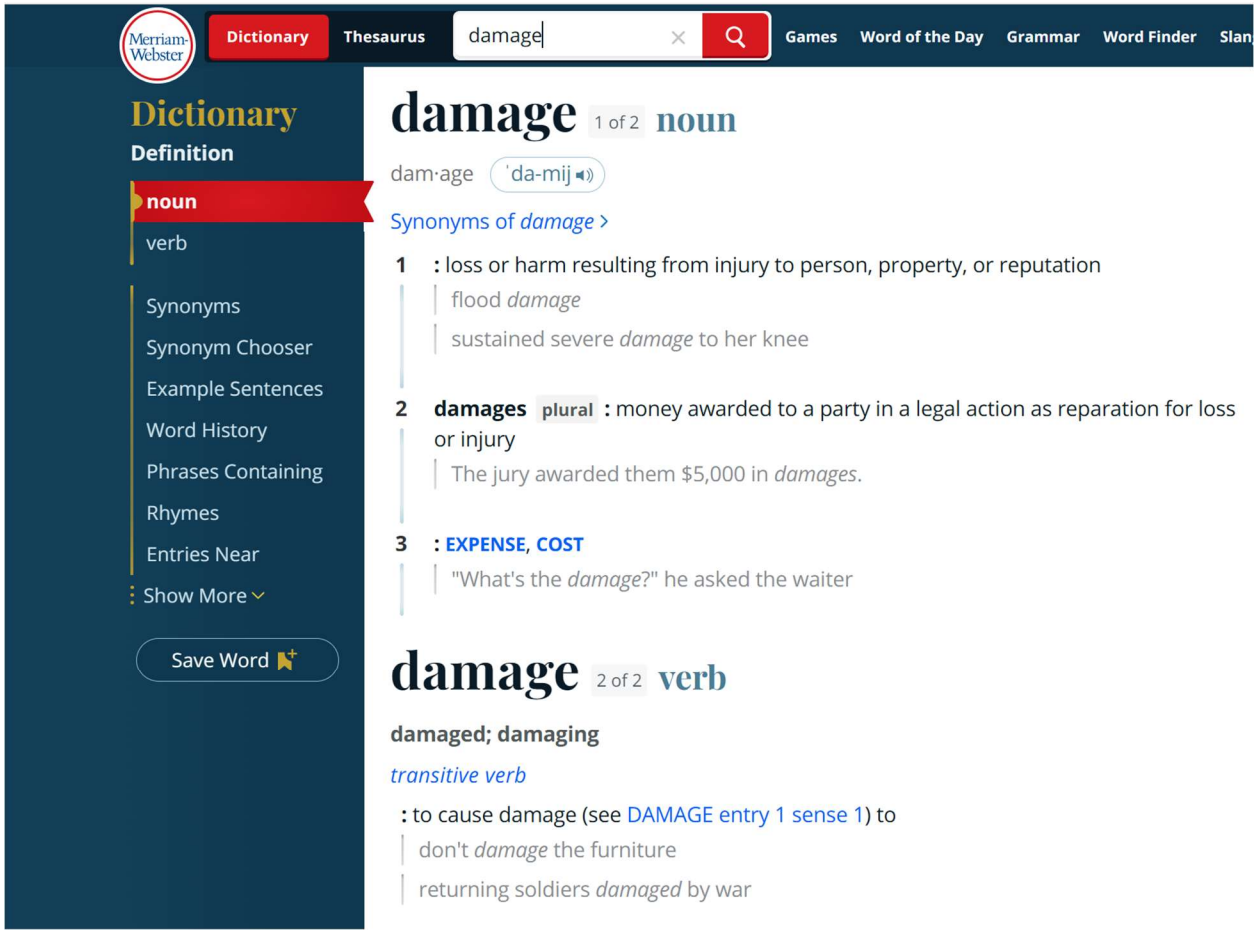
Submitter Information Verification

Submitter Full Name: Steve Kavallaris
Organization: Electricaltime.com
Street Address:
City:
State:
Zip:
Submittal Date: Mon Mar 16 15:20:20 EDT 2026
Committee: NEC-P01

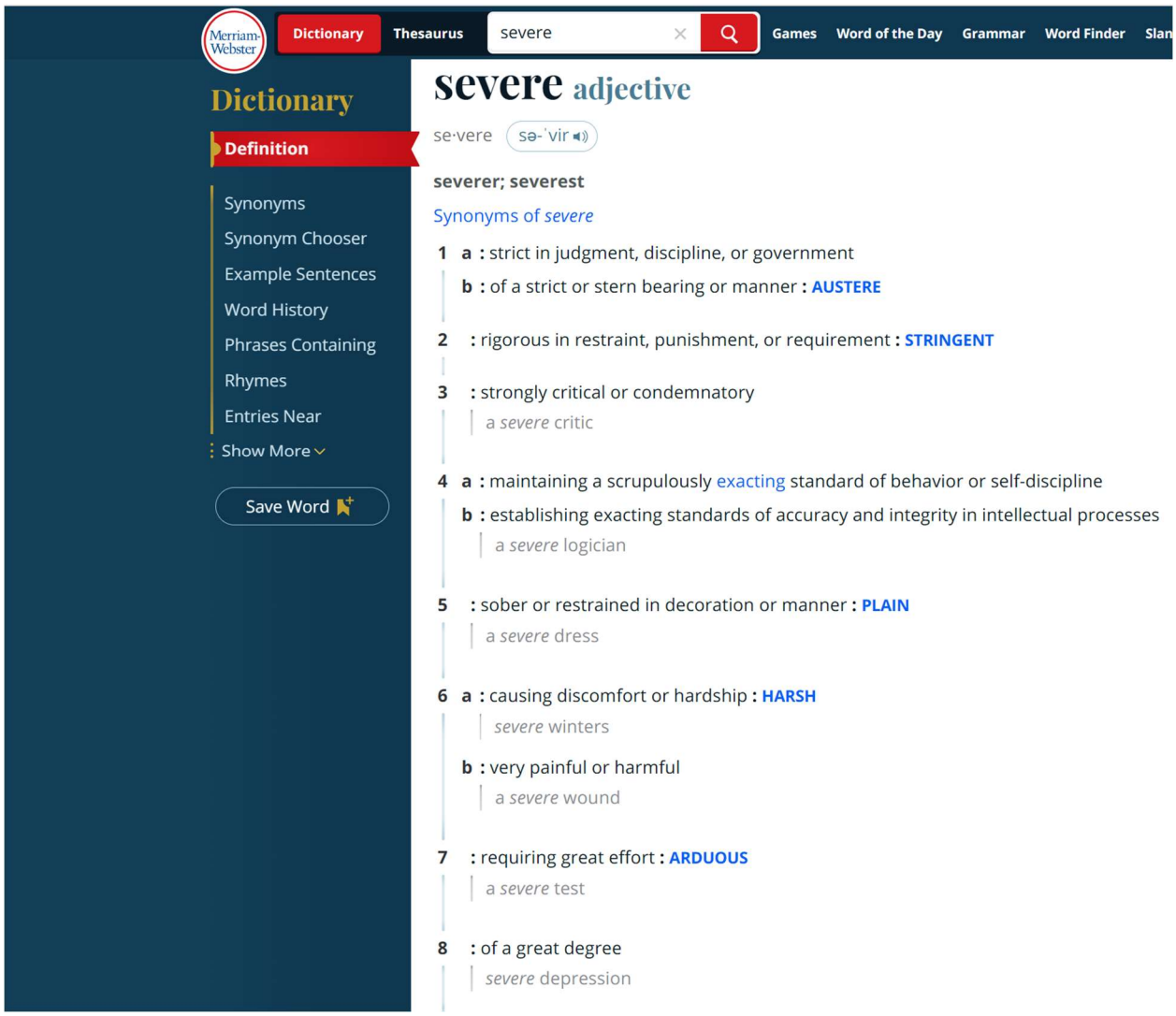
merriam-webster.com/dictionary/physical#dictionary-entry-2



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Public Input No. 929-NFPA 70-2026 [New Definition after Definition: Photovoltaic Cell (PV). (S...]

Physical Damage. Hazards, impacts, exposure, or abuse above and below ground from vehicles, equipment, chemical exposure, environmental conditions, mechanical stress, or people that could cause damage to structures, electrical conductors, cables, and equipment.

Statement of Problem and Substantiation for Public Input

Physical damage is used numerous times throughout the NEC without a definition. Although common sense should dictate what constitutes physical damage, a definition will clarify many disagreements. Because "Physical Damage" is not defined in the NEC, installers and the authority having jurisdiction disagree at times as to whether you can have physical damage below ground. Discussions arise from the use of schedule 80 PVC underground where subject to vehicle traffic. This new definition will clarify the possibility of physical damage below ground as well as above ground and help guide installers and the authority having jurisdiction.

Submitter Information Verification

Submitter Full Name: Paul Cormier
Organization: Cormier's Code Class
Affiliation: Cormier's Code Class
Street Address:
City:
State:
Zip:

Submittal Date: Fri Feb 06 21:30:07 EST 2026
Committee: NEC-P01

Public Input No. 2041-NFPA 70-2026 [New Definition after Definition: Qualified Person.]

TITLE OF NEW CONTENT

Type your content here ...First responders for fire department, police, medical and or any other public provided career are not allowed to help out home owners or business owners, for example fire alarms. If you are not licensed in the electrical field. For example any utility rebate retro fits for EMS devices or LED lighting lamps and fixtures or pole lighting.

Statement of Problem and Substantiation for Public Input

Fire fighters are being called by homeowners in Loveland and Fort Collins and Berthoud and surrounding cities by HO and are now expecting them to change out their smoke detectors. We are also seeing city officials from the utility department help with lighting retro-fits and have messed up some old lighting dimmer systems from Radio Raw one and two with Lutron from back in the 1980's and 2000's and do not have the knowledge to install dimming LED lamps and have recked their systems in larger home areas.

Submitter Information Verification

Submitter Full Name: Joshua Peterson
Organization: PETERSON ELECTRIC LLC
Street Address:
City:
State:
Zip:

Submittal Date: Sat Mar 28 16:52:03 EDT 2026
Committee: NEC-P01

Public Input No. 1641-NFPA 70-2026 [New Definition after Definition: Vessel.]

Visible (as applied to equipment)

Capable of being seen from the equipment along an unobstructed direct line of sight.

Statement of Problem and Substantiation for Public Input

This proposed definition clarifies the requirement for equipment that is required to be installed within a direct line of sight from another piece of equipment, while allowing greater distances than the 50-foot parameters specified by NEC® Section 110.29.

For example, 2026 NEC®625.43(D)(1)(1) requires an emergency disconnecting device for EVSE and WPTE be installed in a readily accessible location no closer than 20 feet, no farther than 100 feet, and in sight from the equipment. By adding the term “visible” to the NEC® defined terms. By defining the term “visible” this requirement and others like it can be revised to prevent contradiction within the NEC®. Requirements such as the example from 2026 NEC® 625.43(D)(1)(1) could be rewritten to remove the phase "in sight from" and replace with "visible" while retaining the intent of the code without contradicting statements.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1636-NFPA 70-2026 [Section No. 625.43(D)(1)]	Visible (as applied to equipment)
Public Input No. 1636-NFPA 70-2026 [Section No. 625.43(D)(1)]	

Submitter Information Verification

Submitter Full Name: Edward Brown
Organization: Independent Electrical Contractors
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 17 19:03:06 EDT 2026
Committee: NEC-P01

Public Input No. 2662-NFPA 70-2026 [New Definition after Definition: Wiring Device.]

Wiring Methods . Raceways, cables, and support methods that provide protection or support for premises wiring system conductors. (CMP-3)

Statement of Problem and Substantiation for Public Input

This Public Input is being submitted on behalf of the NEC Correlating Committee Recondition Task Group which includes Paul Grein, Scott Harding, David Hittinger, Dan Hook, Christel Hunter, David Kendall, Robert Osborne and David Williams. There are two other companion Public Inputs: revised definition for Reconditioned Equipment and revisions to Article 110.20.

The definition of wiring methods will indicate the broad scope of the term, which includes Chapter 3 wiring methods from Articles 315-398.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2653-NFPA 70-2026 [Section No. 110.20]	
Public Input No. 2660-NFPA 70-2026 [Definition: Reconditioned Equipment.]	
Public Input No. 2653-NFPA 70-2026 [Section No. 110.20]	
Public Input No. 2660-NFPA 70-2026 [Definition: Reconditioned Equipment.]	

Submitter Information Verification

Submitter Full Name: G Scott Harding
Organization: FB Harding
Affiliation: Independent Electrical Contractors
Street Address:
City:
State:
Zip:

Submittal Date: Sat Apr 04 17:28:24 EDT 2026
Committee: NEC-P01

Public Input No. 2694-NFPA 70-2026 [Article 110]

Article 110 General Requirements for Electrical Installations

Part I. General

110.1 Scope.

This article covers general requirements for the examination and approval, installation and use, access to and spaces about electrical conductors and equipment; enclosures intended for personnel entry; and tunnel installations.

110.2 Approval.

The conductors and equipment required or permitted by this code shall be acceptable only if approved.

Informational Note No. 1: See 90.7, Examination of Equipment for Safety, and 110.3, Examination, Identification, Installation, Use, and Listing (Product Certification) of Equipment.

Informational Note No. 2: See Article 100 for the definitions of *Approved, Identified, Labeled,* and *Listed*.

110.3 Examination, Identification, Installation, Use, and Listing (Product Certification) of Equipment.

(A) Examination.

In judging equipment, considerations such as the following shall be evaluated:

(1) Suitability for installation and use in conformity with this code

Informational Note No. 1: Equipment may be new, reconditioned, refurbished, or remanufactured.

Informational Note No. 2: Suitability of equipment use may be identified by a description marked on or provided with a product to identify the suitability of the product for a specific purpose, environment, or application. Special conditions of use or other limitations and other pertinent information may be marked on the equipment, included in the product instructions, or included in the appropriate listing and labeling information. Suitability of equipment may be evidenced by listing or labeling.

(2) Mechanical strength and durability, including, for parts designed to enclose and protect other equipment, the adequacy of the protection thus provided

(3) Wire-bending and connection space

(4) Electrical insulation

(5) Heating effects under normal conditions of use and also under abnormal conditions likely to arise in service

(6) Arcing effects

(7) Classification by type, size, voltage, current capacity, and specific use

(8) Cybersecurity for network-connected life safety equipment to address its ability to withstand unauthorized updates and malicious attacks while continuing to perform its intended safety functionality

Informational Note No. 3: See the ANSI/ISA 62443 series of standards for industrial automation and control systems, the UL 2900 series of standards for software cybersecurity for network-connectable products, and UL 5500, *Standard for Remote Software Updates*, which are standards that provide frameworks to mitigate current and future security cybersecurity vulnerabilities and address software integrity in systems of electrical equipment.

Informational Note No. 4: See NEMA CY 70001, *Cybersecurity Implementation Guidance for Connected Electrical Infrastructure*, for recommendations on how to meet this requirement.

(9) Other factors that contribute to the practical safeguarding of persons using or likely to come in contact with the equipment

(B) Installation and Use.

Equipment that is listed, labeled, or both, or identified for a use shall be installed and used in accordance with any instructions included in the listing, labeling, or identification. Such instructions shall result in an installation and use that complies with the requirements within this code.

Informational Note: The installation and use instructions may be provided in the form of printed material, quick response (QR) code, or the address on the internet where users can download the required instructions.

(C) Listing.

Product testing, evaluation, and listing (product certification) shall be performed by recognized qualified electrical testing laboratories and shall be in accordance with applicable product standards recognized as achieving equivalent and effective safety for equipment installed to comply with this code.

Informational Note: The Occupational Safety and Health Administration (OSHA) recognizes qualified electrical testing laboratories that perform evaluations, testing, and certification of certain products to ensure that they meet the requirements of both the construction and general industry OSHA electrical standards. If the listing (product certification) is done under a qualified electrical testing laboratory program, this listing mark signifies that the tested and certified product complies with the requirements of one or more appropriate product safety test standards.

110.4 Voltages.

The voltage considered shall be that at which the circuit operates. The voltage rating of electrical equipment shall not be less than the nominal voltage of a circuit to which it is connected.

110.5 Conductors.

Conductors used to carry current shall be of copper, aluminum, or copper-clad aluminum unless otherwise provided in this code. If the conductor material is not specified, the sizes given in this code shall apply to copper conductors. If other materials are used, the size shall be changed accordingly.

110.6 Conductor Sizes.

Conductor sizes are expressed in American Wire Gauge (AWG) or in circular mils.

110.7 Wiring Integrity.

Completed wiring installations shall be free from short circuits, ground faults, or any connections to ground other than as required or permitted elsewhere in this code.

110.8 Wiring Methods.

Only wiring methods recognized as suitable are included in this code. The recognized methods of wiring shall be permitted to be installed in any type of building, occupancy, or premises wiring system, except as otherwise provided in this code.

110.9 Interrupting Rating.

Equipment intended to interrupt current at fault levels shall have an interrupting rating at nominal circuit voltage at least equal to the available fault current at the line terminals of the equipment.

Equipment intended to interrupt current at other than fault levels shall have an interrupting rating at nominal circuit voltage at least equal to the current that must be interrupted.

110.10 Available Fault Current, Short-Circuit Current Ratings, and Other Characteristics.

The OCPDs, equipment short-circuit current ratings, and other characteristics of the circuit to be protected shall be selected and coordinated with the available fault current to permit the circuit protective devices used to clear a fault to do so without extensive damage to the electrical equipment of the circuit. Listed equipment applied in accordance with their listing shall be considered to meet the requirements of this section.

110.11 Deteriorating Agents.

Unless identified for use in the operating environment, no conductors or equipment shall be located in damp or wet locations; where exposed to gases, fumes, vapors, liquids, or other agents that have a deteriorating effect on the conductors or equipment; or where exposed to excessive temperatures.

> Informational Note No. 1: See 300.8 for protection against corrosion.
>
> Informational Note No. 2: Some cleaning and lubricating compounds can cause severe deterioration of many plastic materials used for insulating and structural applications in equipment.

Equipment not identified for outdoor use and equipment identified only for indoor use, such as “dry locations,” “indoor use only,” “damp locations,” or enclosure Types 1, 2, 5, 12, 12K, and/or 13, shall be protected against damage from the weather during construction.

> Informational Note No. 3: See Table 110.28 for appropriate enclosure-type designations.
>
> Informational Note No. 4: See *NFPA 5000*, *Building Construction and Safety Code*, the *International Building Code (IBC)*, and the *International Residential Code for One- and Two-Family Dwellings (IRC)*, for information for minimum flood provisions.

110.12 Mechanical Execution of Work.

Electrical equipment shall be installed in a professional and skillful manner.

> Informational Note: See ANSI/NECA 1-2023, *Standard for Good Workmanship in Electrical Construction,* and other ANSI-approved installation standards for information on accepted industry practices.

(A) Unused Openings.

Unused openings, other than those intended for the operation of equipment, those intended for mounting purposes, or those permitted as part of the design for listed equipment, shall be closed to afford protection substantially equivalent to the wall of the equipment. Where metallic plugs or plates are used with nonmetallic enclosures, they shall be recessed at least 6 mm (¼ in.) from the outer surface of the enclosure.

(B) Integrity of Electrical Equipment and Connections.

Internal parts of electrical equipment, including busbars, wiring terminals, insulators, and other surfaces, shall not be damaged or contaminated by foreign materials such as paint, plaster, cleaners, abrasives, or corrosive residues. There shall be no damaged parts that may adversely affect safe operation or mechanical strength of the equipment such as parts that are broken; bent; cut; or deteriorated by corrosion, chemical action, or overheating.

110.13 Mounting and Cooling of Equipment.

(A) Mounting.

Electrical equipment shall be firmly secured to the surface on which it is mounted. Wooden plugs driven into holes in masonry, concrete, plaster, or similar materials shall not be used.

(B) Cooling.

Electrical equipment that depends on the natural circulation of air and convection principles for cooling of exposed surfaces shall be installed so that room airflow over such surfaces is not prevented by walls or by adjacent installed equipment. For equipment designed for floor mounting, clearance between top surfaces and adjacent surfaces shall be provided to dissipate rising warm air.

Electrical equipment provided with ventilating openings shall be installed so that walls or other obstructions do not prevent the free circulation of air through the equipment.

110.

~~14 Electrical Connections.~~

~~Termination devices such as pressure terminal or pressure splicing connectors and soldering lugs shall be identified, installed, and used for the material of the conductor. Conductors shall not be intermixed in a terminal or splicing connector or soldering lug where physical contact occurs between dissimilar conductors unless the device is identified for the purpose and conditions of use. Materials such as solder, fluxes, inhibitors, and compounds, where employed, shall be identified for the use and shall be of a type that will not adversely affect the conductors, installation, or equipment.~~

~~Connectors and terminals for conductors more finely stranded than Class B and Class C stranding as shown in Chapter 9 Table 10 shall be identified for the specific conductor class or classes.~~

~~**(A)** Terminals.~~

~~Connection of conductors to terminal parts shall ensure a mechanically secure electrical connection without damaging the conductors and shall be made by means of pressure connectors (including set-screw type), solder lugs, or splices to flexible leads. Connection by means of wire-binding screws or studs and nuts that have upturned lugs or the equivalent shall be permitted for 10 AWG or smaller conductors.~~

~~Terminals for more than one conductor and terminals used to connect aluminum shall be so identified.~~

~~**(B)** Splices.~~

~~Conductors shall be spliced or joined with splicing devices identified for the use or by brazing, welding, or soldering with a fusible metal or alloy. Soldered splices shall first be spliced or joined so as to be mechanically and electrically secure without solder and then be soldered. All splices and joints and the free ends of conductors shall be covered with an insulation equivalent to that of the conductors or with an identified insulating device.~~

~~Wire connectors or splicing means installed on conductors for direct burial shall be listed for such use.~~

~~**(C)** Temperature Limitations.~~

~~The temperature rating associated with the ampacity of a conductor shall be selected and coordinated so as not to exceed the lowest temperature rating of any connected termination, conductor, or device. Conductors with temperature ratings higher than specified for terminations shall be permitted to be used for ampacity adjustment, correction, or both.~~

(1) Equipment Provisions.

The determination of termination provisions of equipment shall be based on 110.14(C)(1)(a) or 110.14(C)(1)(b). Unless the equipment is listed and marked otherwise, conductor ampacities used in determining equipment termination provisions shall be based on Table 310.16 as appropriately modified by 310.12.

(1) Termination provisions of equipment for circuits rated 100 amperes or less, or marked for 14 AWG through 1 AWG conductors, shall be used only for one of the following:

(2) Conductors rated 60°C (140°F).

(3) Conductors with higher temperature ratings, provided the ampacity of such conductors is determined based on the 60°C (140°F) ampacity of the conductor size used.

(4) Conductors with higher temperature ratings if the equipment is listed and identified for use with such conductors.

(5) For motors marked with design letters B, C, or D, conductors having an insulation rating of 75°C (167°F) or higher shall be permitted to be used, provided the ampacity of such conductors does not exceed the 75°C (167°F) ampacity.

(6) Termination provisions of equipment for circuits rated over 100 amperes, or marked for conductors larger than 1 AWG, shall be used only for one of the following:

(7) Conductors rated 75°C (167°F)

(8) Conductors with higher temperature ratings, provided the ampacity of such conductors does not exceed the 75°C (167°F) ampacity of the conductor size used, or up to their ampacity if the equipment is listed and identified for use with such conductors

(2) Separate Connector Provisions.

Separately installed pressure connectors shall be used with conductors at the ampacities not exceeding the ampacity at the listed and identified temperature rating of the connector.

Informational Note: Equipment markings or listing information may additionally restrict the sizing and temperature ratings of connected conductors.

(D) Terminal Connection Torque.

Tightening torque values for terminal connections shall be as indicated on equipment or in installation instructions provided by the manufacturer. An approved means shall be used to achieve the indicated torque value.

Informational Note No. 1: Examples of approved means of achieving the indicated torque values include torque tools or devices such as shear bolts or breakaway-style devices with visual indicators that demonstrate that the proper torque has been applied.

Informational Note No. 2: See UL Standard 486A-486B, *Standard for Safety-Wire Connectors*, Informative Annex I for torque values in the absence of manufacturer's recommendations.The equipment manufacturer can be contacted if numeric torque values are not indicated on the equipment or if the installation instructions are not available.

Informational Note No. 3: See NFPA 70B, *Standard for Electrical Equipment Maintenance*, Section 7.2 for torquing threaded connections and terminations.

~~110.~~

15 High-Leg Marking.

On a 4-wire, delta-connected system where the midpoint of one phase winding is grounded, only the conductor or busbar having the higher phase voltage to ground shall be durably and permanently marked orange in color by an outer finish or by other effective means such that orange is visible at all splices and terminations. Such identification shall be placed at each point on the system where a connection is made if the grounded conductor is also present.

110.16 Arc-Flash Hazard Marking.

In other than dwelling units, a permanent arc flash marking shall be field or factory applied to service equipment and feeder-supplied equipment, such as switchboards, switchgear, enclosed panelboards, industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized. The marking shall comply with 110.21(B), be located so as to be clearly visible to qualified persons, and be in accordance with applicable industry practice, containing the following information:

(1) The nominal system voltage

(2) The arc flash boundary

(3) The available incident energy or minimum required level of personal protective equipment

(4) The date the assessment was completed

Informational Note No. 1: See ANSI Z535.4-2011 (R2017), *Product Safety Signs and Labels*, for guidelines for the design of safety signs and labels for application to products.

Informational Note No. 2: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for applicable industry practices for equipment marking. This standard provides specific criteria for developing arc-flash labels for equipment that provides nominal system voltage, incident energy levels, arc-flash boundaries, minimum required levels of personal protective equipment, and so forth.

110.17 Servicing of Equipment.

Servicing shall be performed by qualified persons trained in servicing of equipment and shall comply with the following:

(1) The servicing shall be performed in accordance with the original equipment manufacturer's instructions and information included in the listing information, applicable industry standards, or as approved by the authority having jurisdiction.

(2) The servicing shall be performed using identified replacement parts that are verified under applicable product standards. The replacement parts shall comply with at least one of the following:

(3) Be provided by the original equipment manufacturer

(4) Be designed by an engineer experienced in the design of replacement parts for the type of equipment being serviced

(5) Be approved by the authority having jurisdiction

Informational Note: For equipment that is not listed or field labeled, or for which components are no longer available from the original equipment manufacturer, one way to determine suitability is to review the documentation that accompanies the replacement parts.

110.18 Arcing Parts.

Parts of electrical equipment that in ordinary operation produce arcs, sparks, flames, or molten metal shall be enclosed or separated and isolated from all combustible material.

110.19 Light and Power from Railway Conductors.

Circuits for lighting and power shall not be connected to any system that contains trolley wires with a ground return.

Exception: Such circuit connections shall be permitted in car houses, power houses, or passenger and freight stations operated in connection with electric railways.

110.20 Reconditioned Equipment.

Reconditioned equipment shall be permitted except where prohibited elsewhere in this code. Equipment that is restored to operating condition shall be reconditioned with identified replacement parts and verified under applicable standards that are either provided by the original equipment manufacturer or that are designed by an engineer experienced in the design of replacement parts for the type of equipment being reconditioned.

Informational Note: See Article 100 for the definition of *equipment*.

(A) Equipment Required to Be Listed.

Equipment that is reconditioned and required by this code to be listed shall be listed or field labeled as reconditioned using available instructions from the original equipment manufacturer.

(B) Equipment Not Required to Be Listed.

Equipment that is reconditioned and not required by this code to be listed shall comply with one of the following:

(1) Be listed or field labeled as reconditioned

(2) Have the reconditioning performed in accordance with the original equipment manufacturer instructions

(C) Approved Equipment.

If the options specified in 110.20(A) or 110.20(B) are not available, the authority having jurisdiction shall be permitted to approve reconditioned equipment, and the reconditioner shall provide the authority having jurisdiction with documentation of the changes to the product.

110.21 Marking.

(A) Equipment Markings.

(1) General.

The manufacturer's name, trademark, or other descriptive marking by which the organization responsible for the product can be identified shall be applied or affixed onto all electrical equipment. Other markings that indicate voltage, current, wattage, or other ratings shall be provided as specified elsewhere in this code. The marking shall be of sufficient durability to withstand the environment involved.

(2) Reconditioned Equipment.

Reconditioned equipment shall be marked with the following:

(1) Name, trademark, or other descriptive marking of the organization that performed the reconditioning

(2) The date of the reconditioning

(3) The term *reconditioned* or other approved wording or symbol indicating that the equipment has been reconditioned

The original listing mark shall be removed or made permanently illegible. The equipment nameplate shall not be required to be removed or made permanently illegible, only the part of the nameplate that includes the listing mark, if applicable. Approval of the reconditioned equipment shall not be based solely on the equipment's original listing.

Exception: In industrial occupancies, where conditions of maintenance and supervision ensure that only qualified persons service the equipment, the markings indicated in 110.21(A)(2) shall not be required for equipment that is reconditioned by the owner or operator as part of a regular equipment maintenance program.

Informational Note No. 1: ANSI-approved standards are available for application of reconditioned and refurbished equipment.

Informational Note No. 2: The term *reconditioned* may be interchangeable with the terms *rebuilt* , *refurbished* , or *remanufactured* even though these are sometimes different processes.

(B) Field-Applied Hazard Markings.

Where caution, warning, or danger hazard markings such as labels or signs are required by this code, the markings shall meet the following requirements:

(1) The marking shall be of sufficient durability to withstand the environment involved and warn of the hazards using effective words, colors, symbols, or any combination thereof.

Informational Note No. 1: See ANSI Z535.2, *Environmental and Facility Safety Signs* , which describes the design, application, and use of safety signs in facilities and in the environment.

Informational Note No. 2: See ANSI Z535.4, *Product Safety Signs and Labels* , which details the design, application, use, and placement of safety signs and labels on a wide variety of products.

(2) The marking shall be permanently affixed to the equipment or wiring method and shall not be handwritten.

Exception to (2): Portions of the markings that are variable, or that could be subject to changes, shall be permitted to be handwritten and shall be legible.

110.22 Identification of Disconnecting Means.

(A) General.

Each disconnecting means shall be legibly marked to indicate its purpose unless located and arranged so the purpose is evident. In other than one- or two-family dwellings, the marking shall include the identification and location of the circuit source that supplies the disconnecting means unless located and arranged so the identification and location of the circuit source is evident. The marking shall be of sufficient durability to withstand the environment involved.

(B) Engineered Series Combination Systems.

Equipment enclosures for circuit breakers or fuses applied in compliance with series combination ratings selected under engineering supervision in accordance with 240.86(A) shall be legibly marked in the field as directed by the engineer to indicate the equipment has been applied with a series combination rating. The marking shall meet the requirements in 110.21(B) and shall be readily visible and state the following:

CAUTION — ENGINEERED SERIES COMBINATION SYSTEM RATED _____ AMPERES. IDENTIFIED REPLACEMENT COMPONENTS REQUIRED.

(C) Tested Series Combination Systems.

Equipment enclosures for circuit breakers or fuses applied in compliance with the series combination ratings marked on the equipment by the manufacturer in accordance with 240.86(B) shall be legibly marked in the field to indicate the equipment has been applied with a series combination rating. The marking shall meet the requirements in 110.21(B) and shall be readily visible and state the following:

CAUTION — SERIES COMBINATION SYSTEM RATED ____ AMPERES. IDENTIFIED REPLACEMENT COMPONENTS REQUIRED.

Informational Note: See IEEE 3004.5-2014 *Recommended Practice for the Application of Low-Voltage Circuit Breakers in Industrial and Commercial Power Systems* , for further information on series tested systems.

110.23 Current Transformers.

Unused current transformers associated with potentially energized circuits shall be short-circuited.

110.24 Available Fault Current.

(A) Field Marking.

Service equipment at other than dwelling units shall be legibly marked in the field with the available fault current. The field markings shall include the date the fault-current calculation was performed and comply with 110.21(B) . The calculation shall be documented and made available to those authorized to design, install, inspect, maintain, or operate the system.

Informational Note No. 1: The available fault-current markings addressed in 110.24 are related to required short-circuit current and interrupting ratings of equipment.

Informational Note No. 2: Values of available fault current for use in determining appropriate minimum short-circuit current and interrupting ratings of service equipment are available from electric utilities in published or other forms.

(B) Modifications.

When modifications to the electrical installation occur that affect the available fault current at the service, the available fault current shall be verified or recalculated as necessary to ensure the service equipment ratings are sufficient for the available fault current at the line terminals of the equipment. The required field markings in 110.24(A) shall be adjusted to reflect the new level of available fault current.

Exception: The field marking requirements in 110.24(A) and 110.24(B) shall not be required in industrial installations where conditions of maintenance and supervision ensure that only qualified persons service the equipment.

110.25 Lockable Disconnecting Means.

If a disconnecting means is required to be lockable open elsewhere in this code, it shall be capable of being locked in the open position. The provisions for locking shall remain in place with or without the lock installed.

Exception: Locking provisions for a cord and plug connection shall not be required to remain in place without the lock installed.

~~**Part II.** Not Over 1000 Volts ac, 1500 Volts dc, Nominal~~

~~**110.26** Spaces About Electrical Equipment.~~

Working space, and access to and egress from working space, shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment. Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m (6 1/2 ft) high when such doors are or can be opened 90 degrees.

(A) Working Space.

Working space for equipment likely to require examination, adjustment, servicing, or maintenance while energized shall comply with the dimensions of 110.26(A)(1), 110.26(A)(2), 110.26(A)(3), and 110.26(A)(4) or as required or permitted elsewhere in this code. By special permission, smaller working spaces shall be permitted where all exposed live parts operate at not greater than 30 volts rms, 42 volts peak, or 60 volts dc.

Informational Note: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for guidance, such as determining severity of potential exposure and planning safe work practices including establishing an electrically safe work condition, arc flash labeling, and selecting personal protective equipment.

(1) Depth of Working Space.

The depth of the working space in the direction of live parts shall not be less than that specified in Table 110.26(A)(1) unless the requirements of 110.26(A)(1)(a) or 110.26(A)(1)(b) are met. Distances shall be measured from the enclosure front or opening, if such live parts are enclosed.

Table 110.26(A)(1) Working Spaces

Nominal Voltage to Ground	Minimum Clear Distance	Condition 1	Condition 2	Condition 3
0–150 ac or dc	900 mm (3 ft)	900 mm (3 ft)	900 mm (3 ft)	
151–600 ac or dc	900 mm (3 ft)	1.0 m (3 ft 6 in.)	1.2 m (4 ft)	
601–1000 ac or 601–1500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)	

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed or enclosed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

(a) *Dead-Front Assemblies.* Working space shall not be required in the back or sides of assemblies, such as dead-front switchboards, switchgear, or motor control centers, where all connections and all renewable or adjustable parts, such as fuses or switches, are accessible from locations other than the back or sides. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum horizontal working space of 762 mm (30 in.) shall be provided.

(b) *Existing Buildings.* In existing buildings where electrical equipment is being replaced, Condition 2 working clearance shall be permitted between dead-front switchboards, switchgear, enclosed panelboards, or motor control centers located across the aisle from each other where conditions of maintenance and supervision ensure that written procedures have been adopted to prohibit equipment on both sides of the aisle from being open at the same time and qualified persons who are authorized will service the installation.

(2) Width of Working Space.

The width of the working space in front of the electrical equipment shall be the width of the equipment or 762 mm (30 in.), whichever is greater. In all cases, the work space shall permit at least a 90-degree opening of equipment doors or hinged panels.

(3) Height of Working Space.

The work space shall be clear and extend from the grade, floor, or platform to a height of 2.0 m (6 **1**/**2** ft) or the height of the equipment, whichever is greater. Within the height requirements of this section, other equipment or support structures, such as concrete pads, associated with the electrical installation and located above or below the electrical equipment shall be permitted to extend not more than 150 mm (6 in.) beyond the front of the electrical equipment.

Exception No. 1: *On battery systems mounted on open racks, the top clearance shall comply with 480.10(D) .*

Exception No. 2: *In existing dwelling units, service equipment or enclosed panelboards that do not exceed 200 amperes shall be permitted in spaces where the height of the working space is less than 2.0 m (6* ***1***/***2*** *ft).*

Exception No. 3: *Meters that are installed in meter sockets shall be permitted to extend beyond the other equipment. The meter socket shall be required to follow the rules of this section.*

(4) Limited Access.

Where equipment likely to require examination, adjustment, servicing, or maintenance while energized is required by installation instructions or function to be located in a space with limited access, all of the following shall apply:

(1) Where equipment is installed above a lay-in ceiling, there shall be an opening not smaller than 559 mm × 559 mm (22 in. × 22 in.), or in a crawl space, there shall be an accessible opening not smaller than 559 mm × 762 mm (22 in. × 30 in.).

(2) The width of the working space shall be the width of the equipment enclosure or a minimum of 762 mm (30 in.), whichever is greater.

(3) All enclosure doors or hinged panels shall be capable of opening a minimum of 90 degrees.

(4) The space in front of the enclosure shall comply with the depth requirements of Table 110.26(A)(1) and shall be unobstructed to the floor by fixed cabinets, walls, or partitions. Space reductions in accordance with 110.26(A) shall be permitted. The maximum height of the working space shall be the height necessary to install the equipment in the limited space. A horizontal ceiling structural member or access panel shall be permitted in this space provided the location of weight-bearing structural members does not result in a side reach of more than 150 mm (6 in.) to work within the enclosure.

(5) Separation from High-Voltage Equipment.

Where switches, cutouts, or other equipment operating at 1000 volts ac, 1500 volts dc, nominal, or less are installed in a vault, room, or enclosure where there are exposed live parts or exposed wiring operating over 1000 volts ac, 1500 volts dc, nominal, the high-voltage equipment shall be effectively separated from the space occupied by the equipment operating at 1000 volts ac, 1500 volts dc, nominal, or less by a suitable partition, fence, or screen.

(6) Grade, Floor, or Working Platform.

The grade, floor, or platform in the required working space shall be kept clear and as level and flat as practical for the entire required depth and width of the working space.

(B) Clear Spaces.

Working space required by this section shall not be used for storage. When normally enclosed live parts are exposed for inspection or servicing, the working space, if in a passageway or general open space, shall be suitably guarded.

(C) Entrance to and Egress from Working Space.

(1) Minimum Required.

At least one entrance of sufficient area shall be provided to give access to and egress from working space about electrical equipment.

(2) Large Equipment.

For large equipment that contains OCPDs, switching devices, or control devices, there shall be one entrance to and egress from the required working space not less than 610 mm (24 in.) wide and 2.0 m (6 **1**⁄**2** ft) high at each end of the working space. This requirement shall apply to either of the following conditions:

(1) For equipment rated 1200 amperes or more and over 1.8 m (6 ft) wide

(2) For disconnecting means installed in accordance with 225.33(A) or 230.71(B) where the combined ampere rating is 1200 amperes or more and where the combined width is over 1.8 m (6 ft)

A single entrance to and egress from the required working space shall be permitted where either of the conditions in 110.26(C)(2)(a) or 110.26(C)(2)(b) is met.

(1) *Unobstructed Egress.* Where the location permits a continuous and unobstructed way of egress travel, a single entrance to the working space shall be permitted.

(2) *Extra Working Space.* Where the depth of the working space is twice that required by 110.26(A)(1) , a single entrance shall be permitted. It shall be located such that the distance from the equipment to the nearest edge of the entrance is not less than the minimum clear distance specified in Table 110.26(A)(1) for equipment operating at that voltage and in that condition.

(3) Personnel Doors.

Where equipment rated 800 amperes or more that contains OCPDs, switching devices, or control devices is installed and there are personnel doors intended for entrance to and egress from the working space less than 7.6 m (25 ft) from the nearest edge of the working space, the doors shall open at least 90 degrees in the direction of egress and be equipped with listed panic hardware or listed fire exit hardware.

Informational Note: See UL 305, *Standard For Panic Hardware* , for additional information on panic hardware, and see UL 10C, *Standard for Safety for Positive Pressure Fire Tests of Door Assemblies* , for additional information.

(D) Illumination.

Illumination shall be provided for all working spaces about service equipment, switchboards, switchgear, enclosed panelboards, or motor control centers installed indoors. Control of all luminaires by automatic means shall not be permitted for the working space. Additional lighting outlets shall not be required where the work space is illuminated by an adjacent light source or as permitted by 210.70(A)(1) Exception No. 1 for switched receptacles.

(E) Dedicated Equipment Space.

All service equipment, switchboards, switchgear, enclosed panelboards, and motor control centers shall be located in dedicated spaces and protected from damage.

Exception: Control equipment that by its very nature or because of other rules of the code must be adjacent to or within sight of its operating machinery shall be permitted in those locations.

(1) Indoor.

Indoor installations shall comply with 110.26(E)(1)(a) through 110.26(E)(1)(d).

(1) *Dedicated Electrical Space.* The space equal to the width and depth of the equipment and extending from the floor to a height of 1.8 m (6 ft) above the equipment or to the structural ceiling, whichever is lower, shall be dedicated to the electrical installation. No piping, ducts, leak protection apparatus, or other equipment foreign to the electrical installation shall be located in this zone.

Exception: *Suspended ceilings with removable panels shall be permitted within the 1.8 m (6 ft) zone.*

(2) *Foreign Systems.* The area above the dedicated space required by 110.26(E)(1)(a) shall be permitted to contain foreign systems, provided protection is installed to avoid damage to the electrical equipment from condensation, leaks, or breaks in such foreign systems.

(3) *Sprinkler Protection.* Sprinkler protection shall be permitted for the dedicated space where the piping complies with this section.

(4) *Suspended Ceilings.* A dropped, suspended, or similar ceiling that does not add strength to the building structure shall not be considered a structural ceiling.

(2) Outdoor.

Outdoor installations shall comply with 110.26(E)(2)(a) through 110.26(E)(2)(c).

(1) *Installation Requirements.* Outdoor electrical equipment shall be the following:

(2) Installed in identified enclosures

(3) Protected from accidental contact by unauthorized personnel or by vehicular traffic

(4) Protected from accidental spillage or leakage from piping systems

(5) *Work Space.* The working clearance space shall include the zone described in 110.26(A). No architectural appurtenance or other equipment shall be located in this zone.

(6) *Dedicated Equipment Space.* The space equal to the width and depth of the equipment, and extending from grade to a height of 1.8 m (6 ft) above the equipment, shall be dedicated to the electrical installation. No piping or other equipment foreign to the electrical installation shall be located in this zone.

Exception: *Structural overhangs or roof extensions shall be permitted in this zone.*

(F) Locked Electrical Equipment Rooms or Enclosures.

Electrical equipment rooms or enclosures housing electrical apparatus that are controlled by locks shall be considered accessible to qualified persons.

110.27 Guarding of Live Parts.

(A) Live Parts Guarded Against Accidental Contact.

Except as elsewhere required or permitted by this code, live parts of electrical equipment operating at 50 volts ac/dc to 1000 volts ac, 1500 volts dc, nominal, shall be guarded against accidental contact by approved enclosures or by any of the following means:

(1) By location in a room, vault, or similar enclosure that is accessible only to qualified persons.

(2) By permanent, substantial partitions or screens arranged so that only qualified persons have access to the space within reach of the live parts. Any openings in such partitions or screens shall be sized and located so that persons are not likely to come into accidental contact with the live parts or to bring conducting objects into contact with them.

(3) By location on a balcony, gallery, or platform elevated and arranged so as to exclude unqualified persons.

(4) By elevation above the floor or other working surface as follows:

(5) A minimum of 2.5 m (8 ft) for 50 volts to 300 volts between ungrounded conductors

(6) A minimum of 2.6 m (8 ft 6 in.) for 301 volts to 600 volts between ungrounded conductors

(7) A minimum of 2.62 m (8 ft 7 in.) for 601 volts to 1000 volts between ungrounded conductors

(B) Prevent Physical Damage.

In locations where electrical equipment is likely to be exposed to physical damage, enclosures or guards shall be so arranged and of such strength as to prevent such damage.

(C) Warning Signs.

Entrances to rooms and other guarded locations that contain exposed live parts shall be marked with conspicuous warning signs forbidding unqualified persons to enter. The marking shall comply with 110.21(B) .

110.28 Enclosure Types.

Other than surrounding fences or walls, enclosures of switchboards, switchgear, enclosed panelboards, industrial control panels, motor control centers, meter sockets, enclosed switches, transfer switches, power outlets, circuit breakers, adjustable-speed drive systems, pullout switches, portable power distribution equipment, termination boxes, general-purpose transformers, fire pump controllers, fire pump motors, and motor controllers, and intended for such locations, shall be marked with an enclosure-type number as shown in Table 110.28 .

Table 110.28 shall be used for selecting these enclosures for use in specific locations other than hazardous (classified) locations. The enclosures are not intended to protect against conditions such as condensation, icing, corrosion, or contamination that may occur within the enclosure or enter via the raceway or unsealed openings.

Table 110.28 Enclosure Selection

Provides a Degree of Protection Against the Following Environmental Conditions For Outdoor Use Enclosure Type Number 3 3R 3S 3X 3RX 3SX 4 4X 6 6P Incidental contact with the enclosed equipment X X X X X X X X X X Rain, snow, and sleet X X X X X X X X X X Sleet* — — X — — X — — — — Windblown dust X — X X — X X X X X Hosedown — — — — — — X X X X Corrosive agents — — — X X X — X — X Temporary submersion — — — — — — — — X X Prolonged submersion — — — — — — — — — X **Provides a Degree of Protection Against the Following Environmental Conditions For Indoor Use Enclosure Type Number 1 2 4 4X 5 6 6P 12 12K 13** Incidental contact with the enclosed equipment X X X X X X X X X X Falling dirt X X X X X X X X X X Falling liquids and light splashing — X X X X X X X X Circulating dust, lint, fibers, and flyings — — X X — X X X X X Settling airborne dust, lint, fibers, and flyings — — X X X X X X X X Hosedown and splashing water — — X X — X X — — — Oil and coolant seepage — — — — — — — X X X Oil or coolant spraying and splashing — — — — — — — — — X Corrosive agents — — — X — — X — — — Temporary submersion — — — — — X X — — — Prolonged submersion — — — — — — X — — —

*The mechanism shall be operable when ice covered.

Informational Note No. 1: The term *raintight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 6, and 6P. The term *rainproof* is typically used in conjunction with Enclosure Types 3R and 3RX. The term *watertight* is typically used in conjunction with Enclosure Types 4, 4X, 6, and 6P. The term *driptight* is typically used in conjunction with Enclosure Types 2, 5, 12, 12K, and 13. The term *dusttight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 5, 6, 6P, 12, 12K, and 13.

Informational Note No. 2: See ANSI/IEC 60529, *Degrees of Protection Provided by Enclosures* , for ingress protection (IP) ratings.

Informational Note No. 3: See 502.10(A)(3) , 502.10(B)(4) , 503.10(A)(2) , and 506.15(C)(3) for information on the use of dusttight enclosures in hazardous locations.

Informational Note No. 4: Some enclosure types, such as 12, 12K, or 13 enclosures, may be marked with an ancillary "-XH" for corrosive and hosedown capable indoor enclosure.

Informational Note No. 5: Some type 4X enclosures may be marked "indoor only."

Informational Note No. 6: See NEMA EN 10250-2024 (formerly known as NEMA 250), *Enclosures for Electrical Equipment (1000 Volts Maximum)* , for the description of the "Enclosure Type Rating: Ancillary — PW for Pressure Wash and XH for Corrosive — and Hosedown — Capable Indoor Enclosures."

110.29 In

110.29 In Sight From (Within Sight From, Within Sight).

Where this code specifies that equipment shall be "in sight from," "within sight from," or "within sight of" a building or structure or other equipment, the specified equipment shall be visible and not more than 15 m (50 ft) from the building, structure, or other equipment.

Part

III. Over 1000 Volts ac, 1500 Volts dc, Nominal

110.30 General.

Conductors and equipment used on circuits over 1000 volts ac, 1500 volts dc, nominal, shall comply with Article 110 Part I and with 110.30 through 110.41 , which supplement or modify Part I. Part III shall not apply to equipment on the supply side of the service point.

110.31 Enclosure for Electrical Installations.

Electrical installations in a vault, room, or closet or in an area surrounded by a wall, screen, or fence, access to which is controlled by locks or other approved means, shall be considered to be accessible to qualified persons only. The type of enclosure used in a given case shall be designed and constructed according to the nature and degree of the hazards associated with the installation.

For installations other than equipment as described in 110.31(D) , a wall, screen, or fence shall be used to enclose an outdoor electrical installation to deter access by persons who are not qualified. A fence shall not be less than 2.1 m (7 ft) in height or a combination of 1.8 m (6 ft) or more of fence fabric and a 300 mm (1 ft) or more extension utilizing three or more strands of barbed wire or equivalent. The distance from the fence to live parts shall be not less than given in Table 110.31 .

Table 110.31 Minimum Distance from Fence to Live Parts

- Minimum Distance to Live Parts Nominal Voltage m ft 1001–13,799 ac or 1501–13,799 dc 3.05 10 13,800–230,000 ac or dc 4.57 15 Over 230,000 ac or dc 5.49 18

Informational Note: See ANSI/IEEE C2-2023, *National Electrical Safety Code* , for clearances of conductors for specific system voltages and typical BIL ratings.

(A) Electrical Vaults.

Where an electrical vault is required or specified for conductors and equipment 110.31(A)(1) to 110.31(A)(5) shall apply.

(1) Walls and Roof.

The walls and roof shall be constructed of materials that have adequate structural strength for the conditions, with a minimum fire rating of 3 hours. For the purpose of this section, studs and wallboard construction shall not be permitted.

(2) Floors.

The floors of vaults in contact with the earth shall be of concrete that is not less than 102 mm (4 in.) thick, but where the vault is constructed with a vacant space or other stories below it, the floor shall have adequate structural strength for the load imposed on it and a minimum fire resistance of 3 hours.

(3) Doors.

Each doorway leading into a vault from the building interior shall be provided with a tight-fitting door that has a minimum fire rating of 3 hours. The authority having jurisdiction shall be permitted to require such a door for an exterior wall opening where conditions warrant.

Exception to (1), (2), and (3): Where the vault is protected with automatic sprinkler, water spray, carbon dioxide, or halon, construction with a 1-hour rating shall be permitted.

(4) Locks.

Doors shall be equipped with locks, and doors shall be kept locked, with access allowed only to qualified persons. Personnel doors shall open at least 90 degrees in the direction of egress and be equipped with listed panic hardware or listed fire exit hardware.

Informational Note: See UL 305, *Standard for Panic Hardware* , for additional information, and UL10C, *Standard for Safety for Positive Pressure Fire Tests of Door Assemblies* .

(5) Transformers.

Where a transformer is installed in a vault as required by Article 450 Part II, the vault shall be constructed in accordance with Article 450 Part III.

Informational Note No. 1: See ASTM E119-2022, *Method for Fire Tests of Building Construction and Materials* , for additional information, and see NFPA 80, *Standard for Fire Doors and Other Opening Protectives* .

Informational Note No. 2: A typical 3-hour construction is 150 mm (6 in.) thick reinforced concrete.

(B) Indoor Installations.

(1) In Places Accessible to Unqualified Persons.

Indoor electrical installations that are accessible to unqualified persons shall be made with metal-enclosed equipment. Switchgear, transformers, pull boxes, connection boxes, and other similar associated equipment shall be marked with appropriate caution signs. Openings in ventilated dry-type transformers or similar openings in other equipment shall be designed so that foreign objects inserted through these openings are deflected from energized parts.

(2) In Places Accessible to Qualified Persons Only.

Indoor electrical installations considered accessible only to qualified persons in accordance with this section shall comply with 110.34 , 110.36 , and 495.24 .

(C) Outdoor Installations.

(1) In Places Accessible to Unqualified Persons.

Outdoor electrical installations that are open to unqualified persons shall comply with Article 267 Part I.

(2) In Places Accessible to Qualified Persons Only.

Outdoor electrical installations that have exposed live parts shall be accessible to qualified persons only in accordance with the first paragraph of this section and shall comply with 110.34 , 110.36 , and 495.24 .

(D) Enclosed Equipment Accessible to Unqualified Persons.

Ventilating or similar openings in equipment shall be designed such that foreign objects inserted through these openings are deflected from energized parts. Where exposed to physical damage from vehicular traffic, suitable guards shall be provided. Equipment located outdoors and accessible to unqualified persons shall be designed such that exposed nuts or bolts cannot be readily removed, permitting access to live parts. Where equipment is accessible to unqualified persons and the bottom of the enclosure is less than 2.5 m (8 ft) above the floor or grade level, the enclosure door or hinged cover shall be kept locked. Doors and covers of enclosures used solely as pull boxes, splice boxes, or junction boxes shall be locked, bolted, or screwed on. Underground box covers that weigh over 45.4 kg (100 lb) shall be considered as meeting this requirement.

110.32 Work Space About Equipment.

Sufficient space shall be provided and maintained about electrical equipment to permit ready and safe operation and maintenance of such equipment. Where energized parts are exposed, the minimum clear work space shall be not less than 2.0 m (6 **1**/**2** ft) high (measured vertically from the floor or platform) and the width of the equipment or 914 mm (3 ft) wide (measured parallel to the equipment), whichever is greater. The depth shall be as required in 110.34(A) . In all cases, the work space shall permit at least a 90-degree opening of doors or hinged panels. Within the height requirements of this section, other equipment that is associated with the electrical installation and is located above or below the electrical equipment shall be permitted to extend not more than 150 mm (6 in.) beyond the front of the electrical equipment. Working space required by this section shall not be used for storage. When normally enclosed live parts are exposed for inspection or servicing, the working space, if in a passageway or general open space, shall be suitably guarded.

110.33 Entrance to Enclosures and Access to Working Space.

(A) Entrance.

At least one entrance to enclosures for electrical installations as described in 110.31 not less than 610 mm (24 in.) wide and 2.0 m (6 **1**/**2** ft) high shall be provided to give access to the working space about electrical equipment.

Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m (6 **1**/**2** ft) high.

(1) Large Equipment.

On switchgear and control panels exceeding 1.8 m (6 ft) in width, there shall be one entrance at each end of the equipment. A single entrance to the required working space shall be permitted where either of the conditions in 110.33(A)(1)(a) or 110.33(A)(1)(b) is met.

(1) *Unobstructed Exit.* Where the location permits a continuous and unobstructed way of exit travel, a single entrance to the working space shall be permitted.

(2) *Extra Working Space.* Where the depth of the working space is twice that required by 110.34(A) , a single entrance shall be permitted. It shall be located so that the distance from the equipment to the nearest edge of the entrance is not less than the minimum clear distance specified in Table 110.34(A) for equipment operating at that voltage and in that condition.

(2) Guarding.

Where bare energized parts at any voltage or insulated energized parts are located adjacent to such entrance, they shall be suitably guarded.

(3) Personnel Doors.

Where there are personnel doors intended for entrance to and egress from the working space less than 7.6 m (25 ft) from the nearest edge of the working space, the doors shall open at least 90 degrees in the direction of egress and be equipped with listed panic hardware or listed fire exit hardware.

Informational Note: See UL 305, *Standard for Panic Hardware* , for additional information, and UL 10C, *Standard for Safety for Positive Pressure Fire Tests of Door Assemblies* .

(B) Access.

Permanent ladders or stairways shall be provided to give safe access to the working space around electrical equipment installed on platforms, balconies, or mezzanine floors or in attic or roof rooms or spaces.

110.34 Work Space and Guarding.

(A) Working Space.

Except as elsewhere required or permitted in this code, equipment likely to require examination, adjustment, servicing, or maintenance while energized shall have clear working space in the direction of access to live parts of the electrical equipment and shall be not less than specified in Table 110.34(A) . Distances shall be measured from the live parts, if such are exposed, or from the enclosure front or opening if such live parts are enclosed. The grade, floor, or platform in the required working space shall be kept clear, and the floor, grade, or platform in the working space shall be as level and flat as practical for the entire depth and width of the working space.

Exception: Working space shall not be required in back of equipment such as switchgear or control assemblies where there are no renewable or adjustable parts (such as fuses or switches) on the back and where all connections are accessible from locations other than the back. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum working space of 762 mm (30 in.) horizontally shall be provided.

Table 110.34(A) Minimum Depth of Clear Working Space at Electrical Equipment

Nominal

Voltage

to Ground Minimum Clear Distance Condition 1 Condition 2 Condition 3 1001–2500 ac or 1501–2500 dc 900 mm (3 ft) 1.2 m (4 ft) 1.5 m (5 ft) 2501–9000 ac or dc 1.2 m (4 ft) 1.5 m (5 ft) 1.8 m (6 ft) 9001–25,000 ac or dc 1.5 m (5 ft) 1.8 m (6 ft) 2.8 m (9 ft) 25,001–75,000 ac or dc 1.8 m (6 ft) 2.5 m (8 ft) 3.0 m (10 ft) Above 75,000 ac or dc 2.5 m (8 ft) 3.0 m (10 ft) 3.7 m (12 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as

grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

(B) Separation from High-Voltage Equipment.

Where switches, cutouts, or other equipment operating at not over 1000 volts ac, 1500 volts dc, nominal, are installed in a vault, room, or enclosure where there are exposed live parts or exposed wiring operating at over 1000 volts ac, 1500 volts dc, nominal, the high-voltage equipment shall be effectively separated from the space occupied by the equipment operating at 1000 volts ac, 1500 volts dc, nominal, or less by a suitable partition, fence, or screen.

Exception: *Switches or other equipment operating at 1000 volts ac, 1500 volts dc, nominal, or less and serving only equipment within the high-voltage vault, room, or enclosure shall be permitted to be installed in the high-voltage vault, room, or enclosure without a partition, fence, or screen if accessible to qualified persons only.*

(C) Locked Rooms or Enclosures.

The entrance to all buildings, vaults, rooms, or enclosures containing exposed live parts or exposed conductors shall be kept locked unless such entrances are under the observation of a qualified person at all times.

Permanent and conspicuous danger signs shall be provided. The danger sign shall meet the requirements in 110.21(B) and shall read as follows:

DANGER — HIGH VOLTAGE — KEEP OUT

(D) Illumination.

Illumination shall be provided for all working spaces about electrical equipment. Control by automatic means only shall not be permitted. The lighting outlets shall be arranged so that persons changing lamps or making repairs on the lighting system are not endangered by live parts or other equipment.

The points of control shall be located so that persons are not likely to come in contact with any live part or moving part of the equipment while turning on the lights.

(E) Elevation of Unguarded Live Parts.

Unguarded live parts above working space shall be maintained at elevations not less than required by Table 110.34(E) .

Table 110.34(E) Elevation of Unguarded Live Parts Above Working Space

Nominal Voltage

Between Phases Elevation m ft 1001–7500 2.7 9 7501–35,000 2.9 9 ft 6 in. Over 35,000 Add 9.5 mm per kV

above 35 kV Add 0.37 in. per kV

above 35 kV

(F) Protection of Service Equipment, Switchgear, and Industrial Control Assemblies.

Pipes or ducts foreign to the electrical installation and requiring periodic maintenance or whose malfunction would endanger the operation of the electrical system shall not be located in the vicinity of the service equipment, switchgear, or industrial control assemblies. Protection shall be provided where necessary to avoid damage from condensation leaks and breaks in such foreign systems. Piping and other facilities shall not be considered foreign if provided for fire protection of the electrical installation.

110.36 Circuit Conductors.

Circuit conductors shall be permitted to be installed in raceways; in cable trays; as metal-clad cable Type MC; as bare wire, cable, and busbars; or as Type MV cables or conductors as provided in 305.12 , 305.15 , 305.38 , and 305.40 . Bare live conductors shall comply with 495.24 .

Insulators, together with their mounting and conductor attachments, where used as supports for wires, single-conductor cables, or busbars, shall be capable of safely withstanding the maximum magnetic forces that would prevail if two or more conductors of a circuit were subjected to short-circuit current.

Exposed runs of insulated wires and cables that have a bare lead sheath or a braided outer covering shall be supported in a manner designed to prevent physical damage to the braid or sheath. Supports for lead-covered cables shall be designed to prevent electrolysis of the sheath.

110.39 In Sight From (Within Sight From, Within Sight).

Where this code specifies that equipment shall be "in sight from," "within sight from," or "within sight of" a building or structure or other equipment, the specified equipment shall be visible and not more than 15 m (50 ft) from the building, structure, or other equipment.

110.40 Electrical Connections.

For equipment rated over 1000 volts ac, 1500 volts dc, nominal, but not more than 2000 volts ac or dc, nominal, that is connected using other than Type MV conductors, the requirements of 110.14 shall be applicable. For all equipment connected using Type MV conductors, the requirements of 110.40(A) through 110.40(E) shall supersede those of 110.14 .

(A) General.

Termination devices shall be identified, installed, and used for the material of the conductor. Conductors shall not be intermixed where physical contact occurs between dissimilar conductors unless the device is identified for the purpose and conditions of use. Materials such as solder, fluxes, inhibitors, and compounds, where employed, shall be identified for the use and shall be of a type that will not adversely affect the conductors, installation, or equipment. Connectors for more than one conductor shall be so identified.

Connectors and terminals for conductors shall be suitable for the conductor class or classes.

Where a listed Type MV cable joint or Type MV cable termination is supplied with a connector, only the connection means supplied by the manufacturer shall be used for installation.

(B) Terminals.

Connection of conductors to terminal parts shall ensure a mechanically secure electrical connection and be made by means of pressure connectors.

(C) Splices.

Conductors shall be spliced with splicing devices identified for the use. All splices and the free ends of conductors shall be covered with an insulation equivalent to that of the conductors or with an identified insulating device. Wire connectors or splicing means installed on conductors for direct burial shall be listed for such use.

(D) Temperature Limitations.

The temperature rating associated with the ampacity or temperature rating of a conductor shall be selected and coordinated so as not to exceed the lowest temperature rating of any connected termination, conductor, or device. Conductors with temperature ratings higher than specified for terminations shall be permitted to be used for ampacity adjustment, correction, or both.

(1) Equipment Provisions.

Termination of conductors at equipment shall be based on the ampacity for MV-90 conductors as given in Table 315.60(C)(1) through Table 315.60(C)(20) , unless the equipment and the connector assembly is identified for use with 105°C (221°F) conductors. The use of MV-105 conductors, sized based on the ampacity for MV-90 conductors, shall be permitted.

(2) Separate Connector Provisions.

Separately installed pressure connectors shall be used with conductors at the ampacities not exceeding the ampacity at the listed and identified temperature rating of the connector.

(E) Terminal Connection Torque.

Tightening torque values for terminal connections shall be as indicated on equipment or in installation instructions provided by the manufacturer. An approved means shall be used to achieve the indicated torque value.

Informational Note No. 1: Examples of approved means of achieving the indicated torque values include torque tools or devices such as shear bolts or breakaway-style devices with visual indicators that demonstrate that the proper torque has been applied.

Informational Note No. 2: See NFPA 70B, *Standard for Electrical Equipment Maintenance* , for additional information for torquing threaded connections and terminations.

110.41 Inspections and Tests.

(A) Pre-energization and Operating Tests.

Where required elsewhere in this code, the complete electrical system design, including settings for protective, switching, and control circuits, shall be prepared in advance and made available on request to the authority having jurisdiction and shall be tested when first installed on-site.

(B) Test Report.

A test report covering the results of the tests required in 110.41(A) shall be available to the authority having jurisdiction prior to energization and made available to those authorized to install, operate, test, and maintain the system.

Part IV. Tunnel Installations over 1000 Volts ac, 1500 Volts dc, Nominal

110.51 General.

(A) Covered.

This part shall apply to the installation and use of power distribution and utilization equipment that is portable, mobile, or both, such as substations, trailers, cars, mobile shovels, draglines, hoists, drills, dredges, compressors, pumps, conveyors, underground excavators, and the like.

(B) Protection Against Physical Damage.

Conductors and cables in tunnels shall be located above the tunnel floor and so placed or guarded to protect them from physical damage.

110.53 Conductors.

High-voltage conductors in tunnels shall be installed in metal raceway, Type MC cable, or other approved multiconductor cable. Multiconductor portable cable shall be permitted to supply mobile equipment.

110.54 Bonding and Equipment Grounding Conductors.

All non-current-carrying metal parts of electrical equipment and all metal raceways and cable sheaths shall be solidly grounded and bonded to all metal pipes and rails at the portal and at intervals not exceeding 300 m (1000 ft) throughout the tunnel.

110.55 Transformers, Switches, and Electrical Equipment.

All transformers, switches, motor controllers, motors, rectifiers, and other equipment installed belowground shall be protected from physical damage by location or guarding.

110.56 Energized Parts.

Bare terminals of transformers, switches, motor controllers, and other equipment shall be enclosed to prevent accidental contact with energized parts.

110.57 Ventilation System Controls.

Electrical controls for the ventilation system shall be arranged so that the airflow can be reversed.

110.58 Disconnecting Means.

A switch or circuit breaker that simultaneously opens all ungrounded conductors of the circuit shall be installed within sight of each transformer or motor location for disconnecting the transformer or motor. The switch or circuit breaker for a transformer shall have an ampere rating not less than the ampacity of the transformer supply conductors. The switch or circuit breaker for a motor shall comply with the applicable requirements of Article 430 Part IX.

110.59 Enclosures.

Enclosures for use in tunnels shall be dripproof, weatherproof, or submersible as required by the environmental conditions. Switch or contactor enclosures shall not be used as junction boxes or as raceways for conductors feeding through or tapping off to other switches, unless the enclosures comply with 312.11 .

~~**Part V.**~~

II. Manholes and Other Electrical Enclosures Intended for Personnel Entry

110.70 General.

Electrical enclosures intended for personnel entry and specifically fabricated for this purpose shall be of sufficient size to provide safe work space about electrical equipment with live parts that is likely to require examination, adjustment, servicing, or maintenance while energized. Such enclosures shall have sufficient size to permit ready installation or withdrawal of the conductors employed without damage to the conductors or to their insulation. They shall comply with this part.

Exception: Where electrical enclosures covered by Part V of this article are part of an industrial wiring system operating under conditions of maintenance and supervision that ensure that only qualified persons monitor and supervise the system, they shall be permitted to be designed and installed in accordance with appropriate engineering practice. If required by the authority having jurisdiction, design documentation shall be provided.

110.71 Strength.

Manholes, vaults, and their means of access shall be designed under qualified engineering supervision and shall withstand all loads likely to be imposed on the structures.

Informational Note: See ANSI C2-2023, *National Electrical Safety Code*, for additional information on the loading that can be expected to bear on underground enclosures.

110.72 Cabling Work Space.

A clear work space not less than 900 mm (3 ft) wide shall be provided where cables are located on both sides, and not less than 750 mm (2 **1**/**2** ft) where cables are only on one side. The vertical headroom shall be not less than 1.8 m (6 ft) unless the opening is within 300 mm (1 ft), measured horizontally, of the adjacent interior side wall of the enclosure.

Exception: A manhole containing only one or more of the following shall be permitted to have one of the horizontal work space dimensions reduced to 600 mm (2 ft) where the other horizontal clear work space is increased so the sum of the two dimensions is not less than 1.8 m (6 ft):

(1) Optical fiber cables

(2) Power-limited fire alarm circuits supplied in accordance with 760.121

(3) Class 2 or Class 3 remote-control and signaling circuits, or both, supplied in accordance with 721.30

(4) Class 4 fault-managed power circuits supplied in accordance with 721.50

110.73 Equipment Work Space.

Where electrical equipment with live parts that is likely to require examination, adjustment, servicing, or maintenance while energized is installed in a manhole, vault, or other enclosure designed for personnel access, the work space and associated requirements in 110.26 shall be met for installations operating at not over 1000 volts ac, 1500 volts dc, nominal. Where the installation is over 1000 volts ac, 1500 volts dc, nominal, the work space and associated requirements in 110.34 shall be met. A manhole access cover that weighs over 45.4 kg (100 lb) shall be considered as meeting the requirements of 110.26(F) and 110.34(C).

110.74 Conductor Installation.

Conductors installed in manholes and other enclosures intended for personnel entry shall be cabled, racked up, or arranged in an approved manner that provides ready and safe access for persons to enter for installation and maintenance. The installation shall comply with 110.74(A) or 110.74(B), as applicable.

(A) Not Over 1000 Volts ac, 1500 Volts dc, Nominal.

Wire bending space for conductors operating not over 1000 volts ac, 1500 volts dc, nominal, shall be provided in accordance with 314.28.

(B) Over 1000 Volts ac, 1500 Volts dc, Nominal.

Conductors operating at over 1000 volts ac, 1500 volts dc, nominal, shall be provided with bending space in accordance with 305.13(C) , as applicable.

Exception: Where 305.13(C) applies, each row or column of ducts on one wall of the enclosure shall be calculated individually, and the single row or column that provides the maximum distance shall be used.

110.75 Access to Manholes.

(A) Dimensions.

Rectangular access openings shall not be less than 650 mm × 550 mm (26 in. × 22 in.). Round access openings in a manhole shall be not less than 650 mm (26 in.) in diameter.

Exception: A manhole that has a fixed ladder that does not obstruct the opening or that contains only one or more of the following shall be permitted to reduce the minimum cover diameter to 600 mm (2 ft):

(1) Optical fiber cables

(2) Power-limited fire alarm circuits supplied in accordance with 760.121

(3) Class 2 or Class 3 remote-control and signaling circuits, or both, supplied in accordance with 721.30

(4) Class 4 fault-managed power circuits supplied in accordance with 721.50

(B) Obstructions.

Manhole openings shall be free of protrusions that could injure personnel or prevent ready egress.

(C) Location.

Manhole openings for personnel shall be located where they are not directly above electrical equipment or conductors inside the manhole enclosure. Where this is not practicable, either a protective barrier or a fixed ladder shall be provided.

(D) Covers.

Covers shall be over 45 kg (100 lb) or otherwise designed to require the use of tools to open. They shall be designed or restrained so they cannot fall into the manhole or protrude sufficiently to contact electrical conductors or equipment within the manhole.

(E) Marking.

Manhole covers shall have an identifying mark or logo that prominently indicates their function, such as “electric.”

110.76 Access to Vaults and Tunnels.

(A) Location.

Access openings for personnel shall be located where they are not directly above electrical equipment or conductors in the enclosure. Other openings shall be permitted over equipment to facilitate installation, maintenance, or replacement of equipment.

(B) Locks.

In addition to compliance with the requirements of 110.34 , if applicable, access openings for personnel shall be arranged such that a person on the inside can exit when the access door is locked from the outside, or in the case of normally locking by padlock, the locking arrangement shall be such that the padlock can be closed on the locking system to prevent locking from the outside.

110.77 Ventilation.

Where manholes, tunnels, and vaults have communicating openings into enclosed areas used by the public, ventilation to open air shall be provided wherever practicable.

110.78 Guarding.

Where conductors or equipment, or both, could be contacted by objects falling or being pushed through a ventilating grating, both conductors and live parts shall be protected in accordance with the requirements of 110.27(A)(2) or 110.31(B)(1) , depending on the voltage.

110.79 Fixed Ladders.

Fixed ladders shall be corrosion resistant.

Additional Proposed Changes

File Name	Description	Approved
Article_110_PI_With_Substantiation_.docx	Word Version of Public Input	

Statement of Problem and Substantiation for Public Input

This Public Input is submitted on behalf of the High Voltage Task Group established by the Correlating Committee, consisting of Robert Osborne (Chair), Paul Barnhart, Lou Grahor, Donny Cook, Scott Higgins, Mike Querry, Roger McDaniel, Dave Burns, Kevin Rogers, Tony Ricciuti, Paul Knapp, Paul Sullivan, George Smith, Michael O'Connell, Eric Simmon, Kevin Arnold, Larry Wildermuth, Kyle Krueger, Eric Stromberg, Ken Crawford, Rob Roettgers, William Brown, and William Alexander.

While Chapter 1 is titled "General", the reorganization of the NEC, as detailed in Annex L of the 2026 Edition, places additional emphasis on alignment of requirements, where new Chapters 2, 3, and 4 will address requirements specific to Systems 1000 Vac, 1500 Vdc and Below (Chapter 2), Systems Over 1000 Vac, 1500 Vdc (Chapter 3), and Limited Energy Systems (Chapter 4). While Article 110 is titled "General Requirements for Electrical Installations", not all the requirements located in 110 are "General", as they apply specifically to one of the Systems in Chapters 2, 3, and/or 4.

This PI is a companion to other PIs that relocate voltage/system specific requirements to their respective Chapters. This PI shows voltage specific requirements as being deleted. The intent is not to delete the requirements, but relocate them to the appropriate Articles. Related PIs are submitted by the HV TG to relocate those requirements into the appropriate locations.

In addition to relocating requirements to the Chapter specific for voltage levels associated with the requirement, this action also allows the requirement for "In Sight From" to be relocated to Part I of Article 110 (something that would otherwise require renumbering of many other sections, which led to CMP 1 creating two duplicative Sections for this requirement – 110.29 and 110.39). Limiting Article 100 to requirements that are "General" for all installations, regardless of voltage, assists with addressing a numbering dilemma that has emerged over time with Article 110.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2695-NFPA 70-2026 [Article 300]	
Public Input No. 2696-NFPA 70-2026 [Article 305]	
Public Input No. 2695-NFPA 70-2026 [Article 300]	
Public Input No. 2696-NFPA 70-2026 [Article 305]	

Submitter Information Verification

Submitter Full Name: Robert Osborne
Organization: UL Solutions
Street Address:
City:
State:
Zip:
Submittal Date: Sun Apr 05 10:08:53 EDT 2026

Committee: NEC-P01

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Rationale:

This Public Input is submitted on behalf of the High Voltage Task Group established by the Correlating Committee, consisting of Robert Osborne (Chair), Paul Barnhart, Lou Grahor, Donny Cook, Scott Higgins, Mike Querry, Roger McDaniel, Dave Burns, Kevin Rogers, Tony Ricciuti, Paul Knapp, Paul Sullivan, George Smith, Michael O'Connell, Eric Simmon, Kevin Arnold, Larry Wildermuth, Kyle Krueger, Eric Stromberg, Ken Crawford, Rob Roettgers, William Brown, and William Alexander.

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This PI is a companion to other PIs that relocate voltage/system specific requirements to their respective Chapters. This PI shows voltage specific requirements as being deleted. The intent is not to delete the requirements, but relocate them to the appropriate Articles. Related PIs are submitted by the HV TG to relocate those requirements into the appropriate locations.

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Article 110 General Requirements for Electrical Installations

Part I. General

110.1 Scope.

This article covers general requirements for the examination and approval, installation and use, access to and spaces about electrical conductors and equipment; enclosures intended for personnel entry; and tunnel installations.

110.2 Approval.

The conductors and equipment required or permitted by this code shall be acceptable only if approved.

Informational Note No. 1: See 90.7, Examination of Equipment for Safety, and 110.3, Examination, Identification, Installation, Use, and Listing (Product Certification) of Equipment.
Informational Note No. 2: See Article 100 for the definitions of *Approved, Identified, Labeled,* and *Listed*.

110.3 Examination, Identification, Installation, Use, and Listing (Product Certification) of Equipment.

(A) Examination.

In judging equipment, considerations such as the following shall be evaluated:

(1) Suitability for installation and use in conformity with this code

Informational Note No. 1: Equipment may be new, reconditioned, refurbished, or remanufactured.

Informational Note No. 2: Suitability of equipment use may be identified by a description marked on or provided with a product to identify the suitability of the product for a specific purpose, environment, or application. Special conditions of use or other limitations and other pertinent information may be marked on the equipment, included in the product instructions, or included in the appropriate listing and labeling information. Suitability of equipment may be evidenced by listing or labeling.

(2) Mechanical strength and durability, including, for parts designed to enclose and protect other equipment, the adequacy of the protection thus provided

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(3) Wire-bending and connection space

(4) Electrical insulation

(5) Heating effects under normal conditions of use and also under abnormal conditions likely to arise in service

(6) Arcing effects

(7) Classification by type, size, voltage, current capacity, and specific use

(8) Cybersecurity for network-connected life safety equipment to address its ability to withstand unauthorized updates and malicious attacks while continuing to perform its intended safety functionality

Informational Note No. 3: See the ANSI/ISA 62443 series of standards for industrial automation and control systems, the UL 2900 series of standards for software cybersecurity for network-connectable products, and UL 5500, *Standard for Remote Software Updates*, which are standards that provide frameworks to mitigate current and future security cybersecurity vulnerabilities and address software integrity in systems of electrical equipment.

Informational Note No. 4: See NEMA CY 70001, *Cybersecurity Implementation Guidance for Connected Electrical Infrastructure*, for recommendations on how to meet this requirement.

(9) Other factors that contribute to the practical safeguarding of persons using or likely to come in contact with the equipment

(B) Installation and Use.

Equipment that is listed, labeled, or both, or identified for a use shall be installed and used in accordance with any instructions included in the listing, labeling, or identification. Such instructions shall result in an installation and use that complies with the requirements within this code.

Informational Note: The installation and use instructions may be provided in the form of printed material, quick response (QR) code, or the address on the internet where users can download the required instructions.

(C) Listing.

Product testing, evaluation, and listing (product certification) shall be performed by recognized qualified electrical testing laboratories and shall be in accordance with applicable product standards recognized as achieving equivalent and effective safety for equipment installed to comply with this code.

Informational Note: The Occupational Safety and Health Administration (OSHA) recognizes qualified electrical testing laboratories that perform evaluations, testing, and certification of certain products to ensure that they meet the requirements of both the construction and general industry OSHA electrical standards. If the listing (product certification) is done under a qualified electrical testing laboratory program, this listing mark signifies that the tested and certified product complies with the requirements of one or more appropriate product safety test standards.

110.4 Voltages.

The voltage considered shall be that at which the circuit operates. The voltage rating of electrical equipment shall not be less than the nominal voltage of a circuit to which it is connected.

110.5 Conductors.

Conductors used to carry current shall be of copper, aluminum, or copper-clad aluminum unless otherwise provided in this code. If the conductor material is not specified, the sizes given in this code shall apply to copper conductors. If other materials are used, the size shall be changed accordingly.

110.6 Conductor Sizes.

Conductor sizes are expressed in American Wire Gauge (AWG) or in circular mils.

110.7 Wiring Integrity.

Completed wiring installations shall be free from short circuits, ground faults, or any connections to ground other than as required or permitted elsewhere in this code.

110.8 Wiring Methods.

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Only wiring methods recognized as suitable are included in this code and shall be used within the voltage levels as specified in Table 110.8. The recognized methods of wiring shall be permitted to be installed in any type of building, occupancy, or premises wiring system, except as otherwise provided in this code.

110.9 Interrupting Rating.

Equipment intended to interrupt current at fault levels shall have an interrupting rating at nominal circuit voltage at least equal to the available fault current at the line terminals of the equipment.

Equipment intended to interrupt current at other than fault levels shall have an interrupting rating at nominal circuit voltage at least equal to the current that must be interrupted.

110.10 Available Fault Current, Short-Circuit Current Ratings, and Other Characteristics.

The OCPDs, equipment short-circuit current ratings, and other characteristics of the circuit to be protected shall be selected and coordinated with the available fault current to permit the circuit protective devices used to clear a fault to do so without extensive damage to the electrical equipment of the circuit. Listed equipment applied in accordance with their listing shall be considered to meet the requirements of this section.

110.11 Deteriorating Agents.

Unless identified for use in the operating environment, no conductors or equipment shall be located in damp or wet locations; where exposed to gases, fumes, vapors, liquids, or other agents that have a deteriorating effect on the conductors or equipment; or where exposed to excessive temperatures.

Informational Note No. 1: See 300.8 for protection against corrosion.
Informational Note No. 2: Some cleaning and lubricating compounds can cause severe deterioration of many plastic materials used for insulating and structural applications in equipment.

Equipment not identified for outdoor use and equipment identified only for indoor use, such as "dry locations," "indoor use only," "damp locations," or enclosure Types 1, 2, 5, 12, 12K, and/or 13, shall be protected against damage from the weather during construction.

Informational Note No. 3: See Table 110.28 for appropriate enclosure-type designations.
Informational Note No. 4: See *NFPA 5000*, *Building Construction and Safety Code*, the *International Building Code (IBC)*, and the *International Residential Code for One- and Two-Family Dwellings (IRC)*, for information for minimum flood provisions.

110.12 Mechanical Execution of Work.

Electrical equipment shall be installed in a professional and skillful manner.

Informational Note: See ANSI/NECA 1-2023, *Standard for Good Workmanship in Electrical Construction,* and other ANSI-approved installation standards for information on accepted industry practices.

(A) Unused Openings.

Unused openings, other than those intended for the operation of equipment, those intended for mounting purposes, or those permitted as part of the design for listed equipment, shall be closed to afford protection substantially equivalent to the wall of the equipment. Where metallic plugs or plates are used with nonmetallic enclosures, they shall be recessed at least 6 mm (1/4 in.) from the outer surface of the enclosure.

(B) Integrity of Electrical Equipment and Connections.

Internal parts of electrical equipment, including busbars, wiring terminals, insulators, and other surfaces, shall not be damaged or contaminated by foreign materials such as paint, plaster, cleaners, abrasives, or corrosive residues. There shall be no damaged parts that may adversely affect safe operation or mechanical strength of the equipment such as parts that are broken; bent; cut; or deteriorated by corrosion, chemical action, or overheating.

110.13 Mounting and Cooling of Equipment.

(A) Mounting.

Electrical equipment shall be firmly secured to the surface on which it is mounted. Wooden plugs driven into holes in masonry, concrete, plaster, or similar materials shall not be used.

(B) Cooling.

Electrical equipment that depends on the natural circulation of air and convection principles for cooling of exposed surfaces shall be installed so that room airflow over such surfaces is not prevented by walls or by adjacent installed equipment. For equipment designed for floor mounting, clearance between top surfaces and adjacent surfaces shall be provided to dissipate rising warm air.

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Electrical equipment provided with ventilating openings shall be installed so that walls or other obstructions do not prevent the free circulation of air through the equipment.

~~**110.14 Electrical Connections.**~~

~~Termination devices such as pressure terminal or pressure splicing connectors and soldering lugs shall be identified, installed, and used for the material of the conductor. Conductors shall not be intermixed in a terminal or splicing connector or soldering lug where physical contact occurs between dissimilar conductors unless the device is identified for the purpose and conditions of use. Materials such as solder, fluxes, inhibitors, and compounds, where employed, shall be identified for the use and shall be of a type that will not adversely affect the conductors, installation, or equipment.~~

~~Connectors and terminals for conductors more finely stranded than Class B and Class C stranding as shown in Chapter 9 Table 10 shall be identified for the specific conductor class or classes.~~

~~**(A) Terminals.**~~

~~Connection of conductors to terminal parts shall ensure a mechanically secure electrical connection without damaging the conductors and shall be made by means of pressure connectors (including set-screw type), solder lugs, or splices to flexible leads. Connection by means of wire-binding screws or studs and nuts that have upturned lugs or the equivalent shall be permitted for 10 AWG or smaller conductors.~~

~~Terminals for more than one conductor and terminals used to connect aluminum shall be so identified.~~

~~**(B) Splices.**~~

~~Conductors shall be spliced or joined with splicing devices identified for the use or by brazing, welding, or soldering with a fusible metal or alloy. Soldered splices shall first be spliced or joined so as to be mechanically and electrically secure without solder and then be soldered. All splices and joints and the free ends of conductors shall be covered with an insulation equivalent to that of the conductors or with an identified insulating device.~~

~~Wire connectors or splicing means installed on conductors for direct burial shall be listed for such use.~~

~~**(C) Temperature Limitations.**~~

~~The temperature rating associated with the ampacity of a conductor shall be selected and coordinated so as not to exceed the lowest temperature rating of any connected termination, conductor, or device. Conductors with temperature ratings higher than specified for terminations shall be permitted to be used for ampacity adjustment, correction, or both.~~

~~**(1) Equipment Provisions.**~~

~~The determination of termination provisions of equipment shall be based on 110.14(C)(1)(a) or 110.14(C)(1)(b). Unless the equipment is listed and marked otherwise, conductor ampacities used in determining equipment termination provisions shall be based on Table 310.16 as appropriately modified by 310.12.~~

~~(a) Termination provisions of equipment for circuits rated 100 amperes or less, or marked for 14 AWG through 1 AWG conductors, shall be used only for one of the following:~~

~~(1) Conductors rated 60°C (140°F).~~

~~(2) Conductors with higher temperature ratings, provided the ampacity of such conductors is determined based on the 60°C (140°F) ampacity of the conductor size used.~~

~~(3) Conductors with higher temperature ratings if the equipment is listed and identified for use with such conductors.~~

~~(4) For motors marked with design letters B, C, or D, conductors having an insulation rating of 75°C (167°F) or higher shall be permitted to be used, provided the ampacity of such conductors does not exceed the 75°C (167°F) ampacity.~~

~~(b) Termination provisions of equipment for circuits rated over 100 amperes, or marked for conductors larger than 1 AWG, shall be used only for one of the following:~~

~~(1) Conductors rated 75°C (167°F)~~

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~~(2) Conductors with higher temperature ratings, provided the ampacity of such conductors does not exceed the 75°C (167°F) ampacity of the conductor size used, or up to their ampacity if the equipment is listed and identified for use with such conductors~~

~~**(2) Separate Connector Provisions.**~~

~~Separately installed pressure connectors shall be used with conductors at the ampacities not exceeding the ampacity at the listed and identified temperature rating of the connector.~~

~~Informational Note: Equipment markings or listing information may additionally restrict the sizing and temperature ratings of connected conductors.~~

~~**(D) Terminal Connection Torque.**~~

~~Tightening torque values for terminal connections shall be as indicated on equipment or in installation instructions provided by the manufacturer. An approved means shall be used to achieve the indicated torque value.~~

~~Informational Note No. 1: Examples of approved means of achieving the indicated torque values include torque tools or devices such as shear bolts or breakaway-style devices with visual indicators that demonstrate that the proper torque has been applied.~~
~~Informational Note No. 2: See UL Standard 486A-486B, *Standard for Safety-Wire Connectors*, Informative Annex I for torque values in the absence of manufacturer's recommendations.The equipment manufacturer can be contacted if numeric torque values are not indicated on the equipment or if the installation instructions are not available.~~
~~Informational Note No. 3: See NFPA 70B, *Standard for Electrical Equipment Maintenance*, Section 7.2 for torquing threaded connections and terminations.~~

110.15 High-Leg Marking.

On a 4-wire, delta-connected system where the midpoint of one phase winding is grounded, only the conductor or busbar having the higher phase voltage to ground shall be durably and permanently marked orange in color by an outer finish or by other effective means such that orange is visible at all splices and terminations. Such identification shall be placed at each point on the system where a connection is made if the grounded conductor is also present.

110.16 Arc-Flash Hazard Marking.

In other than dwelling units, a permanent arc flash marking shall be field or factory applied to service equipment and feeder-supplied equipment, such as switchboards, switchgear, enclosed panelboards, industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized. The marking shall comply with 110.21(B), be located so as to be clearly visible to qualified persons, and be in accordance with applicable industry practice, containing the following information:

(1) The nominal system voltage

(2) The arc flash boundary

(3) The available incident energy or minimum required level of personal protective equipment

(4) The date the assessment was completed

Informational Note No. 1: See ANSI Z535.4-2011 (R2017), *Product Safety Signs and Labels*, for guidelines for the design of safety signs and labels for application to products.
Informational Note No. 2: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for applicable industry practices for equipment marking. This standard provides specific criteria for developing arc-flash labels for equipment that provides nominal system voltage, incident energy levels, arc-flash boundaries, minimum required levels of personal protective equipment, and so forth.

110.17 Servicing of Equipment.

Servicing shall be performed by qualified persons trained in servicing of equipment and shall comply with the following:

(1) The servicing shall be performed in accordance with the original equipment manufacturer's instructions and information included in the listing information, applicable industry standards, or as approved by the authority having jurisdiction.

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(2) The servicing shall be performed using identified replacement parts that are verified under applicable product standards. The replacement parts shall comply with at least one of the following:

a. Be provided by the original equipment manufacturer

b. Be designed by an engineer experienced in the design of replacement parts for the type of equipment being serviced

c. Be approved by the authority having jurisdiction

Informational Note: For equipment that is not listed or field labeled, or for which components are no longer available from the original equipment manufacturer, one way to determine suitability is to review the documentation that accompanies the replacement parts.

110.18 Arcing Parts.

Parts of electrical equipment that in ordinary operation produce arcs, sparks, flames, or molten metal shall be enclosed or separated and isolated from all combustible material.

110.19 Light and Power from Railway Conductors.

Circuits for lighting and power shall not be connected to any system that contains trolley wires with a ground return.

Exception: Such circuit connections shall be permitted in car houses, power houses, or passenger and freight stations operated in connection with electric railways.

110.20 Reconditioned Equipment.

Reconditioned equipment shall be permitted except where prohibited elsewhere in this code. Equipment that is restored to operating condition shall be reconditioned with identified replacement parts and verified under applicable standards that are either provided by the original equipment manufacturer or that are designed by an engineer experienced in the design of replacement parts for the type of equipment being reconditioned.

Informational Note: See Article 100 for the definition of *equipment*.

(A) Equipment Required to Be Listed.

Equipment that is reconditioned and required by this code to be listed shall be listed or field labeled as reconditioned using available instructions from the original equipment manufacturer.

(B) Equipment Not Required to Be Listed.

Equipment that is reconditioned and not required by this code to be listed shall comply with one of the following:

(1) Be listed or field labeled as reconditioned

(2) Have the reconditioning performed in accordance with the original equipment manufacturer instructions

(C) Approved Equipment.

If the options specified in 110.20(A) or 110.20(B) are not available, the authority having jurisdiction shall be permitted to approve reconditioned equipment, and the reconditioner shall provide the authority having jurisdiction with documentation of the changes to the product.

110.21 Marking.

(A) Equipment Markings.

(1) General.

The manufacturer's name, trademark, or other descriptive marking by which the organization responsible for the product can be identified shall be applied or affixed onto all electrical equipment. Other markings that indicate voltage, current, wattage, or other ratings shall be provided as specified elsewhere in this code. The marking shall be of sufficient durability to withstand the environment involved.

(2) Reconditioned Equipment.

Reconditioned equipment shall be marked with the following:

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(1) Name, trademark, or other descriptive marking of the organization that performed the reconditioning

(2) The date of the reconditioning

(3) The term *reconditioned* or other approved wording or symbol indicating that the equipment has been reconditioned

The original listing mark shall be removed or made permanently illegible. The equipment nameplate shall not be required to be removed or made permanently illegible, only the part of the nameplate that includes the listing mark, if applicable. Approval of the reconditioned equipment shall not be based solely on the equipment's original listing.

Exception: In industrial occupancies, where conditions of maintenance and supervision ensure that only qualified persons service the equipment, the markings indicated in 110.21(A)(2) shall not be required for equipment that is reconditioned by the owner or operator as part of a regular equipment maintenance program.

Informational Note No. 1: ANSI-approved standards are available for application of reconditioned and refurbished equipment.

Informational Note No. 2: The term *reconditioned* may be interchangeable with the terms *rebuilt*, *refurbished*, or *remanufactured* even though these are sometimes different processes.

(B) Field-Applied Hazard Markings.

Where caution, warning, or danger hazard markings such as labels or signs are required by this code, the markings shall meet the following requirements:

(1) The marking shall be of sufficient durability to withstand the environment involved and warn of the hazards using effective words, colors, symbols, or any combination thereof.

Informational Note No. 1: See ANSI Z535.2, *Environmental and Facility Safety Signs*, which describes the design, application, and use of safety signs in facilities and in the environment.

Informational Note No. 2: See ANSI Z535.4, *Product Safety Signs and Labels*, which details the design, application, use, and placement of safety signs and labels on a wide variety of products.

(2) The marking shall be permanently affixed to the equipment or wiring method and shall not be handwritten.

Exception to (2): Portions of the markings that are variable, or that could be subject to changes, shall be permitted to be handwritten and shall be legible.

110.22 Identification of Disconnecting Means.

(A) General.

Each disconnecting means shall be legibly marked to indicate its purpose unless located and arranged so the purpose is evident. In other than one- or two-family dwellings, the marking shall include the identification and location of the circuit source that supplies the disconnecting means unless located and arranged so the identification and location of the circuit source is evident. The marking shall be of sufficient durability to withstand the environment involved.

(B) Engineered Series Combination Systems.

Equipment enclosures for circuit breakers or fuses applied in compliance with series combination ratings selected under engineering supervision in accordance with 240.86(A) shall be legibly marked in the field as directed by the engineer to indicate the equipment has been applied with a series combination rating. The marking shall meet the requirements in 110.21(B) and shall be readily visible and state the following:

CAUTION — ENGINEERED SERIES COMBINATION SYSTEM RATED _____ AMPERES. IDENTIFIED REPLACEMENT COMPONENTS REQUIRED.

(C) Tested Series Combination Systems.

Equipment enclosures for circuit breakers or fuses applied in compliance with the series combination ratings marked on the equipment by the manufacturer in accordance with 240.86(B) shall be legibly marked in the field to indicate the equipment has been applied with a series combination rating. The marking shall meet the requirements in 110.21(B) and shall be readily visible and state the following:

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CAUTION — SERIES COMBINATION SYSTEM RATED _____ AMPERES. IDENTIFIED REPLACEMENT COMPONENTS REQUIRED.

Informational Note: See IEEE 3004.5-2014 *Recommended Practice for the Application of Low-Voltage Circuit Breakers in Industrial and Commercial Power Systems*, for further information on series tested systems.

110.23 Current Transformers.

Unused current transformers associated with potentially energized circuits shall be short-circuited.

110.24 Available Fault Current.

(A) Field Marking.

Service equipment at other than dwelling units shall be legibly marked in the field with the available fault current. The field markings shall include the date the fault-current calculation was performed and comply with 110.21(B). The calculation shall be documented and made available to those authorized to design, install, inspect, maintain, or operate the system.

Informational Note No. 1: The available fault-current markings addressed in 110.24are related to required short-circuit current and interrupting ratings of equipment.

Informational Note No. 2: Values of available fault current for use in determining appropriate minimum short-circuit current and interrupting ratings of service equipment are available from electric utilities in published or other forms.

(B) Modifications.

When modifications to the electrical installation occur that affect the available fault current at the service, the available fault current shall be verified or recalculated as necessary to ensure the service equipment ratings are sufficient for the available fault current at the line terminals of the equipment. The required field markings in 110.24(A) shall be adjusted to reflect the new level of available fault current.

Exception: The field marking requirements in 110.24(A) and 110.24(B) shall not be required in industrial installations where conditions of maintenance and supervision ensure that only qualified persons service the equipment.

110.25 Lockable Disconnecting Means.

If a disconnecting means is required to be lockable open elsewhere in this code, it shall be capable of being locked in the open position. The provisions for locking shall remain in place with or without the lock installed.

Exception: Locking provisions for a cord and plug connection shall not be required to remain in place without the lock installed.

110.29 In Sight From (Within Sight From, Within Sight).

Where this code specifies that equipment shall be "in sight from," "within sight from," or "within sight of" a building or structure or other equipment, the specified equipment shall be visible and not more than 15 m (50 ft) from the building, structure, or other equipment.

~~**Part II. Not Over 1000 Volts ac, 1500 Volts dc, Nominal**~~

~~**110.26 Spaces About Electrical Equipment.**~~

~~Working space, and access to and egress from working space, shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment. Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high when such doors are or can be opened 90 degrees.~~

~~**(A) Working Space.**~~

~~Working space for equipment likely to require examination, adjustment, servicing, or maintenance while energized shall comply with the dimensions of 110.26(A)(1), 110.26(A)(2), 110.26(A)(3), and 110.26(A)(4) or as required or permitted elsewhere in this code. By special permission, smaller working spaces shall be permitted where all exposed live parts operate at not greater than 30 volts rms, 42 volts peak, or 60 volts dc.~~

~~Informational Note: See NFPA *70E, Standard for Electrical Safety in the Workplace*, for guidance, such as determining severity of potential exposure and planning safe work practices including establishing an electrically safe work condition, arc flash labeling, and selecting personal protective equipment.~~

~~**(1) Depth of Working Space.**~~

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The depth of the working space in the direction of live parts shall not be less than that specified in Table 110.26(A)(1) unless the requirements of 110.26(A)(1)(a)or 110.26(A)(1)(b) are met. Distances shall be measured from the enclosure front or opening, if such live parts are enclosed.

Table 110.26(A)(1) Working Spaces

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
0–150 ac or dc	900 mm (3 ft)	900 mm (3 ft)	900 mm (3 ft)
151–600 ac or dc	900 mm (3 ft)	1.0 m (3 ft 6 in.)	1.2 m (4 ft)
601–1000 ac or 601–1500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed or enclosed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

(a) *Dead-Front Assemblies.* Working space shall not be required in the back or sides of assemblies, such as dead-front switchboards, switchgear, or motor control centers, where all connections and all renewable or adjustable parts, such as fuses or switches, are accessible from locations other than the back or sides. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum horizontal working space of 762 mm (30 in.) shall be provided.

(b) *Existing Buildings.* In existing buildings where electrical equipment is being replaced, Condition 2 working clearance shall be permitted between dead-front switchboards, switchgear, enclosed panelboards, or motor control centers located across the aisle from each other where conditions of maintenance and supervision ensure that written procedures have been adopted to prohibit equipment on both sides of the aisle from being open at the same time and qualified persons who are authorized will service the installation.

(2) Width of Working Space.

The width of the working space in front of the electrical equipment shall be the width of the equipment or 762 mm (30 in.), whichever is greater. In all cases, the work space shall permit at least a 90-degree opening of equipment doors or hinged panels.

(3) Height of Working Space.

The work space shall be clear and extend from the grade, floor, or platform to a height of 2.0 m (6½ ft) or the height of the equipment, whichever is greater. Within the height requirements of this section, other equipment or support structures, such as concrete pads, associated with the electrical installation and located above or below the electrical equipment shall be permitted to extend not more than 150 mm (6 in.) beyond the front of the electrical equipment.

Exception No. 1: On battery systems mounted on open racks, the top clearance shall comply with 480.10(D).
Exception No. 2: In existing dwelling units, service equipment or enclosed panelboards that do not exceed 200 amperes shall be permitted in spaces where the height of the working space is less than 2.0 m (6½ ft).
Exception No. 3: Meters that are installed in meter sockets shall be permitted to extend beyond the other equipment. The meter socket shall be required to follow the rules of this section.

(4) Limited Access.

Where equipment likely to require examination, adjustment, servicing, or maintenance while energized is required by installation instructions or function to be located in a space with limited access, all of the following shall apply:

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(1) Where equipment is installed above a lay-in ceiling, there shall be an opening not smaller than 559 mm × 559 mm (22 in. × 22 in.), or in a crawl space, there shall be an accessible opening not smaller than 559 mm × 762 mm (22 in. × 30 in.).

(2) The width of the working space shall be the width of the equipment enclosure or a minimum of 762 mm (30 in.), whichever is greater.

(3) All enclosure doors or hinged panels shall be capable of opening a minimum of 90 degrees.

(4) The space in front of the enclosure shall comply with the depth requirements of Table 110.26(A)(1) and shall be unobstructed to the floor by fixed cabinets, walls, or partitions. Space reductions in accordance with 110.26(A) shall be permitted. The maximum height of the working space shall be the height necessary to install the equipment in the limited space. A horizontal ceiling structural member or access panel shall be permitted in this space provided the location of weight-bearing structural members does not result in a side reach of more than 150 mm (6 in.) to work within the enclosure.

(5) Separation from High-Voltage Equipment.

Where switches, cutouts, or other equipment operating at 1000 volts ac, 1500 volts dc, nominal, or less are installed in a vault, room, or enclosure where there are exposed live parts or exposed wiring operating over 1000 volts ac, 1500 volts dc, nominal, the high-voltage equipment shall be effectively separated from the space occupied by the equipment operating at 1000 volts ac, 1500 volts dc, nominal, or less by a suitable partition, fence, or screen.

(6) Grade, Floor, or Working Platform.

The grade, floor, or platform in the required working space shall be kept clear and as level and flat as practical for the entire required depth and width of the working space.

(B) Clear Spaces.

Working space required by this section shall not be used for storage. When normally enclosed live parts are exposed for inspection or servicing, the working space, if in a passageway or general open space, shall be suitably guarded.

(C) Entrance to and Egress from Working Space.
(1) Minimum Required.

At least one entrance of sufficient area shall be provided to give access to and egress from working space about electrical equipment.

(2) Large Equipment.

For large equipment that contains OCPDs, switching devices, or control devices, there shall be one entrance to and egress from the required working space not less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high at each end of the working space. This requirement shall apply to either of the following conditions:

(1) For equipment rated 1200 amperes or more and over 1.8 m (6 ft) wide

(2) For disconnecting means installed in accordance with 225.33(A) or 230.71(B) where the combined ampere rating is 1200 amperes or more and where the combined width is over 1.8 m (6 ft)

A single entrance to and egress from the required working space shall be permitted where either of the conditions in 110.26(C)(2)(a) or 110.26(C)(2)(b) is met.

(a) *Unobstructed Egress.* Where the location permits a continuous and unobstructed way of egress travel, a single entrance to the working space shall be permitted.

(b) *Extra Working Space.* Where the depth of the working space is twice that required by 110.26(A)(1), a single entrance shall be permitted. It shall be located such that the distance from the equipment to the nearest edge of the entrance is not less than the minimum clear distance specified in Table 110.26(A)(1) for equipment operating at that voltage and in that condition.

(3) Personnel Doors.

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Where equipment rated 800 amperes or more that contains OCPDs, switching devices, or control devices is installed and there are personnel doors intended for entrance to and egress from the working space less than 7.6 m (25 ft) from the nearest edge of the working space, the doors shall open at least 90 degrees in the direction of egress and be equipped with listed panic hardware or listed fire exit hardware.

Informational Note: See UL 305, *Standard For Panic Hardware*, for additional information on panic hardware, and see UL 10C, *Standard for Safety for Positive Pressure Fire Tests of Door Assemblies*, for additional information.

(D) Illumination.

Illumination shall be provided for all working spaces about service equipment, switchboards, switchgear, enclosed panelboards, or motor control centers installed indoors. Control of all luminaires by automatic means shall not be permitted for the working space. Additional lighting outlets shall not be required where the work space is illuminated by an adjacent light source or as permitted by 210.70(A)(1) Exception No. 1 for switched receptacles.

(E) Dedicated Equipment Space.

All service equipment, switchboards, switchgear, enclosed panelboards, and motor control centers shall be located in dedicated spaces and protected from damage.

Exception: Control equipment that by its very nature or because of other rules of the code must be adjacent to or within sight of its operating machinery shall be permitted in those locations.

(1) Indoor.

Indoor installations shall comply with 110.26(E)(1)(a) through 110.26(E)(1)(d).

(a) *Dedicated Electrical Space.* The space equal to the width and depth of the equipment and extending from the floor to a height of 1.8 m (6 ft) above the equipment or to the structural ceiling, whichever is lower, shall be dedicated to the electrical installation. No piping, ducts, leak protection apparatus, or other equipment foreign to the electrical installation shall be located in this zone.

Exception: Suspended ceilings with removable panels shall be permitted within the 1.8 m (6 ft) zone.

(b) *Foreign Systems.* The area above the dedicated space required by 110.26(E)(1)(a) shall be permitted to contain foreign systems, provided protection is installed to avoid damage to the electrical equipment from condensation, leaks, or breaks in such foreign systems.

(c) *Sprinkler Protection.* Sprinkler protection shall be permitted for the dedicated space where the piping complies with this section.

(d) *Suspended Ceilings.* A dropped, suspended, or similar ceiling that does not add strength to the building structure shall not be considered a structural ceiling.

(2) Outdoor.

Outdoor installations shall comply with 110.26(E)(2)(a) through 110.26(E)(2)(c).

(a) *Installation Requirements.* Outdoor electrical equipment shall be the following:

(1) Installed in identified enclosures

(2) Protected from accidental contact by unauthorized personnel or by vehicular traffic

(3) Protected from accidental spillage or leakage from piping systems

(b) *Work Space.* The working clearance space shall include the zone described in 110.26(A). No architectural appurtenance or other equipment shall be located in this zone.

(c) *Dedicated Equipment Space.* The space equal to the width and depth of the equipment, and extending from grade to a height of 1.8 m (6 ft) above the equipment, shall be dedicated to the electrical installation. No piping or other equipment foreign to the electrical installation shall be located in this zone.

Exception: Structural overhangs or roof extensions shall be permitted in this zone.

(F) Locked Electrical Equipment Rooms or Enclosures.

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Electrical equipment rooms or enclosures housing electrical apparatus that are controlled by locks shall be considered accessible to qualified persons.

110.27 Guarding of Live Parts.

(A) Live Parts Guarded Against Accidental Contact.

Except as elsewhere required or permitted by this code, live parts of electrical equipment operating at 50 volts ac/dc to 1000 volts ac, 1500 volts dc, nominal, shall be guarded against accidental contact by approved enclosures or by any of the following means:

(1) By location in a room, vault, or similar enclosure that is accessible only to qualified persons.

(2) By permanent, substantial partitions or screens arranged so that only qualified persons have access to the space within reach of the live parts. Any openings in such partitions or screens shall be sized and located so that persons are not likely to come into accidental contact with the live parts or to bring conducting objects into contact with them.

(3) By location on a balcony, gallery, or platform elevated and arranged so as to exclude unqualified persons.

(4) By elevation above the floor or other working surface as follows:

a. A minimum of 2.5 m (8 ft) for 50 volts to 300 volts between ungrounded conductors

b. A minimum of 2.6 m (8 ft 6 in.) for 301 volts to 600 volts between ungrounded conductors

c. A minimum of 2.62 m (8 ft 7 in.) for 601 volts to 1000 volts between ungrounded conductors

(B) Prevent Physical Damage.

In locations where electrical equipment is likely to be exposed to physical damage, enclosures or guards shall be so arranged and of such strength as to prevent such damage.

(C) Warning Signs.

Entrances to rooms and other guarded locations that contain exposed live parts shall be marked with conspicuous warning signs forbidding unqualified persons to enter. The marking shall comply with 110.21(B).

110.28 Enclosure Types.

Other than surrounding fences or walls, enclosures of switchboards, switchgear, enclosed panelboards, industrial control panels, motor control centers, meter sockets, enclosed switches, transfer switches, power outlets, circuit breakers, adjustable-speed drive systems, pullout switches, portable power distribution equipment, termination boxes, general-purpose transformers, fire pump controllers, fire pump motors, and motor controllers, and intended for such locations, shall be marked with an enclosure-type number as shown in Table 110.28.

Table 110.28 shall be used for selecting these enclosures for use in specific locations other than hazardous (classified) locations. The enclosures are not intended to protect against conditions such as condensation, icing, corrosion, or contamination that may occur within the enclosure or enter via the raceway or unsealed openings.

Table 110.28 Enclosure Selection

Provides a Degree of Protection Against the Following Environmental Conditions	For Outdoor Use Enclosure Type Number									
	3	3R	3S	3X	3RX	3SX	4	4X	6	6P
Incidental contact with the enclosed equipment	X	X	X	X	X	X	X	X	X	X
Rain, snow, and sleet	X	X	X	X	X	X	X	X	X	X
Sleet*	—	—	X	—	—	X	—	—	—	—

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Provides a Degree of Protection Against the Following Environmental Conditions	For Outdoor Use Enclosure Type Number									
	3	3R	3S	3X	3RX	3SX	4	4X	6	6P
Windblown dust	X	—	X	X	—	X	X	X	X	X
Hosedown	—	—	—	—	—	—	X	X	X	X
Corrosive agents	—	—	—	X	X	X	—	X	—	X
Temporary submersion	—	—	—	—	—	—	—	—	X	X
Prolonged submersion	—	—	—	—	—	—	—	—	—	X

Provides a Degree of Protection Against the Following Environmental Conditions	For Indoor Use Enclosure Type Number									
	1	2	4	4X	5	6	6P	12	12K	13
Incidental contact with the enclosed equipment	X	X	X	X	X	X	X	X	X	X
Falling dirt	X	X	X	X	X	X	X	X	X	X
Falling liquids and light splashing	—	X	X	X	X	X	X	X	X	X
Circulating dust, lint, fibers, and flyings	—	—	X	X	—	X	X	X	X	X
Settling airborne dust, lint, fibers, and flyings	—	—	X	X	X	X	X	X	X	X
Hosedown and splashing water	—	—	X	X	—	X	X	—	—	—
Oil and coolant seepage	—	—	—	—	—	—	—	X	X	X
Oil or coolant spraying and splashing	—	—	—	—	—	—	—	—	—	X
Corrosive agents	—	—	—	X	—	—	X	—	—	—
Temporary submersion	—	—	—	—	—	X	X	—	—	—
Prolonged submersion	—	—	—	—	—	—	X	—	—	—

*The mechanism shall be operable when ice covered.

Informational Note No. 1: The term *raintight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 6, and 6P. The term *rainproof* is typically used in conjunction with Enclosure Types 3R and 3RX. The term *watertight* is typically used in conjunction with Enclosure Types 4, 4X, 6, and 6P. The term *driptight* is typically used in conjunction with Enclosure Types 2, 5, 12, 12K, and 13. The term *dusttight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 5, 6, 6P, 12, 12K, and 13.
Informational Note No. 2: See ANSI/IEC 60529, *Degrees of Protection Provided by Enclosures*, for ingress protection (IP) ratings.
Informational Note No. 3: See 502.10(A)(3), 502.10(B)(4), 503.10(A)(2), and 506.15(C)(3) for information on the use of dusttight enclosures in hazardous locations.
Informational Note No. 4: Some enclosure types, such as 12, 12K, or 13 enclosures, may be marked with an ancillary "-XH" for corrosive and hosedown capable indoor enclosure.
Informational Note No. 5: Some type 4X enclosures may be marked "indoor only."
Informational Note No. 6: See NEMA EN 10250-2024 (formerly known as NEMA 250), *Enclosures for Electrical Equipment (1000 Volts Maximum)*, for the description of the "Enclosure Type Rating: Ancillary —PW for Pressure Wash and -XH for Corrosive — and Hosedown — Capable Indoor Enclosures."

110.29 In Sight From (Within Sight From, Within Sight).

Where this code specifies that equipment shall be "in sight from," "within sight from," or "within sight of" a building or structure or other equipment, the specified equipment shall be visible and not more than 15 m (50 ft) from the building, structure, or other equipment.

Part III. Over 1000 Volts ac, 1500 Volts dc, Nominal

110.30 General.

Conductors and equipment used on circuits over 1000 volts ac, 1500 volts dc, nominal, shall comply with Article 110 Part I and with 110.30 through 110.41, which supplement or modify Part I. Part III shall not apply to equipment on the supply side of the service point.

110.31 Enclosure for Electrical Installations.

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Electrical installations in a vault, room, or closet or in an area surrounded by a wall, screen, or fence, access to which is controlled by locks or other approved means, shall be considered to be accessible to qualified persons only. The type of enclosure used in a given case shall be designed and constructed according to the nature and degree of the hazards associated with the installation.

For installations other than equipment as described in 110.31(D), a wall, screen, or fence shall be used to enclose an outdoor electrical installation to deter access by persons who are not qualified. A fence shall not be less than 2.1 m (7 ft) in height or a combination of 1.8 m (6 ft) or more of fence fabric and a 300 mm (1 ft) or more extension utilizing three or more strands of barbed wire or equivalent. The distance from the fence to live parts shall be not less than given in Table 110.31.

Table 110.31 Minimum Distance from Fence to Live Parts

Nominal Voltage	Minimum Distance to Live Parts	
	m	ft
1001–13,799 ac or 1501–13,799 dc	3.05	10
13,800–230,000 ac or dc	4.57	15
Over 230,000 ac or dc	5.49	18

Informational Note: See ANSI/IEEE C2-2023, *National Electrical Safety Code*, for clearances of conductors for specific system voltages and typical BIL ratings.

(A) Electrical Vaults.

Where an electrical vault is required or specified for conductors and equipment 110.31(A)(1) to 110.31(A)(5) shall apply.

(1) Walls and Roof.

The walls and roof shall be constructed of materials that have adequate structural strength for the conditions, with a minimum fire rating of 3 hours. For the purpose of this section, studs and wallboard construction shall not be permitted.

(2) Floors.

The floors of vaults in contact with the earth shall be of concrete that is not less than 102 mm (4 in.) thick, but where the vault is constructed with a vacant space or other stories below it, the floor shall have adequate structural strength for the load imposed on it and a minimum fire resistance of 3 hours.

(3) Doors.

Each doorway leading into a vault from the building interior shall be provided with a tight-fitting door that has a minimum fire rating of 3 hours. The authority having jurisdiction shall be permitted to require such a door for an exterior wall opening where conditions warrant.

Exception to (1), (2), and (3): Where the vault is protected with automatic sprinkler, water spray, carbon dioxide, or halon, construction with a 1-hour rating shall be permitted.

(4) Locks.

Doors shall be equipped with locks, and doors shall be kept locked, with access allowed only to qualified persons. Personnel doors shall open at least 90 degrees in the direction of egress and be equipped with listed panic hardware or listed fire exit hardware.

Informational Note: See UL 305, *Standard for Panic Hardware*, for additional information, and UL10C, *Standard for Safety for Positive Pressure Fire Tests of Door Assemblies*.

(5) Transformers.

Where a transformer is installed in a vault as required by Article 450 Part II, the vault shall be constructed in accordance with Article 450 Part III.

Informational Note No. 1: See ASTM E119-2022, *Method for Fire Tests of Building Construction and Materials*, for additional information, and see NFPA 80, *Standard for Fire Doors and Other Opening Protectives*.

Informational Note No. 2: A typical 3-hour construction is 150 mm (6 in.) thick reinforced concrete.

(B) Indoor Installations.

(1) In Places Accessible to Unqualified Persons.

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Indoor electrical installations that are accessible to unqualified persons shall be made with metal-enclosed equipment. Switchgear, transformers, pull boxes, connection boxes, and other similar associated equipment shall be marked with appropriate caution signs. Openings in ventilated dry-type transformers or similar openings in other equipment shall be designed so that foreign objects inserted through these openings are deflected from energized parts.

(2) In Places Accessible to Qualified Persons Only.

Indoor electrical installations considered accessible only to qualified persons in accordance with this section shall comply with 110.34, 110.36, and 495.24.

(C) Outdoor Installations.
(1) In Places Accessible to Unqualified Persons.

Outdoor electrical installations that are open to unqualified persons shall comply with Article 267 Part I.

(2) In Places Accessible to Qualified Persons Only.

Outdoor electrical installations that have exposed live parts shall be accessible to qualified persons only in accordance with the first paragraph of this section and shall comply with 110.34, 110.36, and 495.24.

(D) Enclosed Equipment Accessible to Unqualified Persons.

Ventilating or similar openings in equipment shall be designed such that foreign objects inserted through these openings are deflected from energized parts. Where exposed to physical damage from vehicular traffic, suitable guards shall be provided. Equipment located outdoors and accessible to unqualified persons shall be designed such that exposed nuts or bolts cannot be readily removed, permitting access to live parts. Where equipment is accessible to unqualified persons and the bottom of the enclosure is less than 2.5 m (8 ft) above the floor or grade level, the enclosure door or hinged cover shall be kept locked. Doors and covers of enclosures used solely as pull boxes, splice boxes, or junction boxes shall be locked, bolted, or screwed on. Underground box covers that weigh over 45.4 kg (100 lb) shall be considered as meeting this requirement.

110.32 Work Space About Equipment.

Sufficient space shall be provided and maintained about electrical equipment to permit ready and safe operation and maintenance of such equipment. Where energized parts are exposed, the minimum clear work space shall be not less than 2.0 m (6½ ft) high (measured vertically from the floor or platform) and the width of the equipment or 914 mm (3 ft) wide (measured parallel to the equipment), whichever is greater. The depth shall be as required in 110.34(A). In all cases, the work space shall permit at least a 90-degree opening of doors or hinged panels. Within the height requirements of this section, other equipment that is associated with the electrical installation and is located above or below the electrical equipment shall be permitted to extend not more than 150 mm (6 in.) beyond the front of the electrical equipment. Working space required by this section shall not be used for storage. When normally enclosed live parts are exposed for inspection or servicing, the working space, if in a passageway or general open space, shall be suitably guarded.

110.33 Entrance to Enclosures and Access to Working Space.
(A) Entrance.

At least one entrance to enclosures for electrical installations as described in 110.31 not less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high shall be provided to give access to the working space about electrical equipment.

Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high.

(1) Large Equipment.

On switchgear and control panels exceeding 1.8 m (6 ft) in width, there shall be one entrance at each end of the equipment. A single entrance to the required working space shall be permitted where either of the conditions in 110.33(A)(1)(a) or 110.33(A)(1)(b) is met.

(a) *Unobstructed Exit.* Where the location permits a continuous and unobstructed way of exit travel, a single entrance to the working space shall be permitted.

(b) *Extra Working Space.* Where the depth of the working space is twice that required by 110.34(A), a single entrance shall be permitted. It shall be located so that the distance from the equipment to the nearest edge of the entrance is not less than the minimum

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clear distance specified in Table 110.34(A) for equipment operating at that voltage and in that condition.

(2) Guarding.

Where bare energized parts at any voltage or insulated energized parts are located adjacent to such entrance, they shall be suitably guarded.

(3) Personnel Doors.

Where there are personnel doors intended for entrance to and egress from the working space less than 7.6 m (25 ft) from the nearest edge of the working space, the doors shall open at least 90 degrees in the direction of egress and be equipped with listed panic hardware or listed fire exit hardware.

Informational Note: See UL 305, *Standard for Panic Hardware*, for additional information, and UL 10C, *Standard for Safety for Positive Pressure Fire Tests of Door Assemblies*.

(B) Access.

Permanent ladders or stairways shall be provided to give safe access to the working space around electrical equipment installed on platforms, balconies, or mezzanine floors or in attic or roof rooms or spaces.

110.34 Work Space and Guarding.

(A) Working Space.

Except as elsewhere required or permitted in this code, equipment likely to require examination, adjustment, servicing, or maintenance while energized shall have clear working space in the direction of access to live parts of the electrical equipment and shall be not less than specified in Table 110.34(A). Distances shall be measured from the live parts, if such are exposed, or from the enclosure front or opening if such live parts are enclosed. The grade, floor, or platform in the required working space shall be kept clear, and the floor, grade, or platform in the working space shall be as level and flat as practical for the entire depth and width of the working space.

Exception: Working space shall not be required in back of equipment such as switchgear or control assemblies where there are no renewable or adjustable parts (such as fuses or switches) on the back and where all connections are accessible from locations other than the back. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum working space of 762 mm (30 in.) horizontally shall be provided.

Table 110.34(A) Minimum Depth of Clear Working Space at Electrical Equipment

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
1001–2500 ac or 1501–2500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)
2501–9000 ac or dc	1.2 m (4 ft)	1.5 m (5 ft)	1.8 m (6 ft)
9001–25,000 ac or dc	1.5 m (5 ft)	1.8 m (6 ft)	2.8 m (9 ft)
25,001–75,000 ac or dc	1.8 m (6 ft)	2.5 m (8 ft)	3.0 m (10 ft)
Above 75,000 ac or dc	2.5 m (8 ft)	3.0 m (10 ft)	3.7 m (12 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

(B) Separation from High-Voltage Equipment.

Where switches, cutouts, or other equipment operating at not over 1000 volts ac, 1500 volts dc, nominal, are installed in a vault, room, or enclosure where there are exposed live parts or exposed wiring operating

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at over 1000 volts ac, 1500 volts dc, nominal, the high-voltage equipment shall be effectively separated from the space occupied by the equipment operating at 1000 volts ac, 1500 volts dc, nominal, or less by a suitable partition, fence, or screen.

Exception: Switches or other equipment operating at 1000 volts ac, 1500 volts dc, nominal, or less and serving only equipment within the high-voltage vault, room, or enclosure shall be permitted to be installed in the high-voltage vault, room, or enclosure without a partition, fence, or screen if accessible to qualified persons only.

(C) Locked Rooms or Enclosures.

The entrance to all buildings, vaults, rooms, or enclosures containing exposed live parts or exposed conductors shall be kept locked unless such entrances are under the observation of a qualified person at all times.

Permanent and conspicuous danger signs shall be provided. The danger sign shall meet the requirements in 110.21(B) and shall read as follows:

DANGER — HIGH VOLTAGE — KEEP OUT

(D) Illumination.

Illumination shall be provided for all working spaces about electrical equipment. Control by automatic means only shall not be permitted. The lighting outlets shall be arranged so that persons changing lamps or making repairs on the lighting system are not endangered by live parts or other equipment.

The points of control shall be located so that persons are not likely to come in contact with any live part or moving part of the equipment while turning on the lights.

(E) Elevation of Unguarded Live Parts.

Unguarded live parts above working space shall be maintained at elevations not less than required by Table 110.34(E).

Table 110.34(E) Elevation of Unguarded Live Parts Above Working Space

Nominal Voltage Between Phases	Elevation	
	m	ft
1001–7500	2.7	9
7501–35,000	2.9	9 ft 6 in.
Over 35,000	Add 9.5 mm per kV above 35 kV	Add 0.37 in. per kV above 35 kV

(F) Protection of Service Equipment, Switchgear, and Industrial Control Assemblies.

Pipes or ducts foreign to the electrical installation and requiring periodic maintenance or whose malfunction would endanger the operation of the electrical system shall not be located in the vicinity of the service equipment, switchgear, or industrial control assemblies. Protection shall be provided where necessary to avoid damage from condensation leaks and breaks in such foreign systems. Piping and other facilities shall not be considered foreign if provided for fire protection of the electrical installation.

110.36 Circuit Conductors.

Circuit conductors shall be permitted to be installed in raceways; in cable trays; as metal-clad cable Type MC; as bare wire, cable, and busbars; or as Type MV cables or conductors as provided in 305.12, 305.15, 305.38, and 305.40. Bare live conductors shall comply with 495.24.

Insulators, together with their mounting and conductor attachments, where used as supports for wires, single-conductor cables, or busbars, shall be capable of safely withstanding the maximum magnetic forces that would prevail if two or more conductors of a circuit were subjected to short-circuit current.

Exposed runs of insulated wires and cables that have a bare lead sheath or a braided outer covering shall be supported in a manner designed to prevent physical damage to the braid or sheath. Supports for lead-covered cables shall be designed to prevent electrolysis of the sheath.

110.39 In Sight From (Within Sight From, Within Sight).

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~~Where this code specifies that equipment shall be "in sight from," "within sight from," or "within sight of" a building or structure or other equipment, the specified equipment shall be visible and not more than 15 m (50 ft) from the building, structure, or other equipment.~~

~~110.40 Electrical Connections.~~

~~For equipment rated over 1000 volts ac, 1500 volts dc, nominal, but not more than 2000 volts ac or dc, nominal, that is connected using other than Type MV conductors, the requirements of 110.14 shall be applicable. For all equipment connected using Type MV conductors, the requirements of 110.40(A) through 110.40(E) shall supersede those of 110.14.~~

~~(A) General.~~

~~Termination devices shall be identified, installed, and used for the material of the conductor. Conductors shall not be intermixed where physical contact occurs between dissimilar conductors unless the device is identified for the purpose and conditions of use. Materials such as solder, fluxes, inhibitors, and compounds, where employed, shall be identified for the use and shall be of a type that will not adversely affect the conductors, installation, or equipment. Connectors for more than one conductor shall be so identified.~~

~~Connectors and terminals for conductors shall be suitable for the conductor class or classes.~~

~~Where a listed Type MV cable joint or Type MV cable termination is supplied with a connector, only the connection means supplied by the manufacturer shall be used for installation.~~

~~(B) Terminals.~~

~~Connection of conductors to terminal parts shall ensure a mechanically secure electrical connection and be made by means of pressure connectors.~~

~~(C) Splices.~~

~~Conductors shall be spliced with splicing devices identified for the use. All splices and the free ends of conductors shall be covered with an insulation equivalent to that of the conductors or with an identified insulating device. Wire connectors or splicing means installed on conductors for direct burial shall be listed for such use.~~

~~(D) Temperature Limitations.~~

~~The temperature rating associated with the ampacity or temperature rating of a conductor shall be selected and coordinated so as not to exceed the lowest temperature rating of any connected termination, conductor, or device. Conductors with temperature ratings higher than specified for terminations shall be permitted to be used for ampacity adjustment, correction, or both.~~

~~(1) Equipment Provisions.~~

~~Termination of conductors at equipment shall be based on the ampacity for MV-90 conductors as given in Table 315.60(C)(1) through Table 315.60(C)(20), unless the equipment and the connector assembly is identified for use with 105°C (221°F) conductors. The use of MV-105 conductors, sized based on the ampacity for MV-90 conductors, shall be permitted.~~

~~(2) Separate Connector Provisions.~~

~~Separately installed pressure connectors shall be used with conductors at the ampacities not exceeding the ampacity at the listed and identified temperature rating of the connector.~~

~~(E) Terminal Connection Torque.~~

~~Tightening torque values for terminal connections shall be as indicated on equipment or in installation instructions provided by the manufacturer. An approved means shall be used to achieve the indicated torque value.~~

~~Informational Note No. 1: Examples of approved means of achieving the indicated torque values include torque tools or devices such as shear bolts or breakaway-style devices with visual indicators that demonstrate that the proper torque has been applied.~~
~~Informational Note No. 2: See NFPA 70B, *Standard for Electrical Equipment Maintenance*, for additional information for torquing threaded connections and terminations.~~

~~110.41 Inspections and Tests.~~
~~(A) Pre-energization and Operating Tests.~~

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~~Where required elsewhere in this code, the complete electrical system design, including settings for protective, switching, and control circuits, shall be prepared in advance and made available on request to the authority having jurisdiction and shall be tested when first installed on site.~~

~~**(B) Test Report.**~~

~~A test report covering the results of the tests required in 110.41(A) shall be available to the authority having jurisdiction prior to energization and made available to those authorized to install, operate, test, and maintain the system.~~

~~**Part IV. Tunnel Installations over 1000 Volts ac, 1500 Volts dc, Nominal**~~

~~**110.51 General.**~~

~~**(A) Covered.**~~

~~This part shall apply to the installation and use of power distribution and utilization equipment that is portable, mobile, or both, such as substations, trailers, cars, mobile shovels, draglines, hoists, drills, dredges, compressors, pumps, conveyors, underground excavators, and the like.~~

~~**(B) Protection Against Physical Damage.**~~

~~Conductors and cables in tunnels shall be located above the tunnel floor and so placed or guarded to protect them from physical damage.~~

~~**110.53 Conductors.**~~

~~High-voltage conductors in tunnels shall be installed in metal raceway, Type MC cable, or other approved multiconductor cable. Multiconductor portable cable shall be permitted to supply mobile equipment.~~

~~**110.54 Bonding and Equipment Grounding Conductors.**~~

~~All non-current-carrying metal parts of electrical equipment and all metal raceways and cable sheaths shall be solidly grounded and bonded to all metal pipes and rails at the portal and at intervals not exceeding 300 m (1000 ft) throughout the tunnel.~~

~~**110.55 Transformers, Switches, and Electrical Equipment.**~~

~~All transformers, switches, motor controllers, motors, rectifiers, and other equipment installed belowground shall be protected from physical damage by location or guarding.~~

~~**110.56 Energized Parts.**~~

~~Bare terminals of transformers, switches, motor controllers, and other equipment shall be enclosed to prevent accidental contact with energized parts.~~

~~**110.57 Ventilation System Controls.**~~

~~Electrical controls for the ventilation system shall be arranged so that the airflow can be reversed.~~

~~**110.58 Disconnecting Means.**~~

~~A switch or circuit breaker that simultaneously opens all ungrounded conductors of the circuit shall be installed within sight of each transformer or motor location for disconnecting the transformer or motor. The switch or circuit breaker for a transformer shall have an ampere rating not less than the ampacity of the transformer supply conductors. The switch or circuit breaker for a motor shall comply with the applicable requirements of Article 430 Part IX.~~

~~**110.59 Enclosures.**~~

~~Enclosures for use in tunnels shall be dripproof, weatherproof, or submersible as required by the environmental conditions. Switch or contactor enclosures shall not be used as junction boxes or as raceways for conductors feeding through or tapping off to other switches, unless the enclosures comply with 312.11.~~

Part II~~V~~. Manholes and Other Electrical Enclosures Intended for Personnel Entry

110.70 General.

Electrical enclosures intended for personnel entry and specifically fabricated for this purpose shall be of sufficient size to provide safe work space about electrical equipment with live parts that is likely to require examination, adjustment, servicing, or maintenance while energized. Such enclosures shall have sufficient size to permit ready installation or withdrawal of the conductors employed without damage to the conductors or to their insulation. They shall comply with this part.

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Exception: Where electrical enclosures covered by Part V of this article are part of an industrial wiring system operating under conditions of maintenance and supervision that ensure that only qualified persons monitor and supervise the system, they shall be permitted to be designed and installed in accordance with appropriate engineering practice. If required by the authority having jurisdiction, design documentation shall be provided.

110.71 Strength.

Manholes, vaults, and their means of access shall be designed under qualified engineering supervision and shall withstand all loads likely to be imposed on the structures.

Informational Note: See ANSI C2-2023, *National Electrical Safety Code,* for additional information on the loading that can be expected to bear on underground enclosures.

110.72 Cabling Work Space.

A clear work space not less than 900 mm (3 ft) wide shall be provided where cables are located on both sides, and not less than 750 mm (2½ ft) where cables are only on one side. The vertical headroom shall be not less than 1.8 m (6 ft) unless the opening is within 300 mm (1 ft), measured horizontally, of the adjacent interior side wall of the enclosure.

Exception: A manhole containing only one or more of the following shall be permitted to have one of the horizontal work space dimensions reduced to 600 mm (2 ft) where the other horizontal clear work space is increased so the sum of the two dimensions is not less than 1.8 m (6 ft):

(1) Optical fiber cables

(2) Power-limited fire alarm circuits supplied in accordance with 760.121

(3) Class 2 or Class 3 remote-control and signaling circuits, or both, supplied in accordance with 721.30

(4) Class 4 fault-managed power circuits supplied in accordance with 721.50

110.73 Equipment Work Space.

Where electrical equipment with live parts that is likely to require examination, adjustment, servicing, or maintenance while energized is installed in a manhole, vault, or other enclosure designed for personnel access, the work space and associated requirements in 110.26 shall be met for installations operating at not over 1000 volts ac, 1500 volts dc, nominal. Where the installation is over 1000 volts ac, 1500 volts dc, nominal, the work space and associated requirements in 110.34 shall be met. A manhole access cover that weighs over 45.4 kg (100 lb) shall be considered as meeting the requirements of 110.26(F) and 110.34(C).

110.74 Conductor Installation.

Conductors installed in manholes and other enclosures intended for personnel entry shall be cabled, racked up, or arranged in an approved manner that provides ready and safe access for persons to enter for installation and maintenance. The installation shall comply with 110.74(A) or 110.74(B), as applicable.

(A) Not Over 1000 Volts ac, 1500 Volts dc, Nominal.

Wire bending space for conductors operating not over 1000 volts ac, 1500 volts dc, nominal, shall be provided in accordance with 314.28.

(B) Over 1000 Volts ac, 1500 Volts dc, Nominal.

Conductors operating at over 1000 volts ac, 1500 volts dc, nominal, shall be provided with bending space in accordance with 305.13(C), as applicable.

Exception: Where 305.13(C) applies, each row or column of ducts on one wall of the enclosure shall be calculated individually, and the single row or column that provides the maximum distance shall be used.

110.75 Access to Manholes.

(A) Dimensions.

Rectangular access openings shall not be less than 650 mm × 550 mm (26 in. × 22 in.). Round access openings in a manhole shall be not less than 650 mm (26 in.) in diameter.

Exception: A manhole that has a fixed ladder that does not obstruct the opening or that contains only one or more of the following shall be permitted to reduce the minimum cover diameter to 600 mm (2 ft):

(1) Optical fiber cables

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(2) Power-limited fire alarm circuits supplied in accordance with 760.121

(3) Class 2 or Class 3 remote-control and signaling circuits, or both, supplied in accordance with 721.30

(4) Class 4 fault-managed power circuits supplied in accordance with 721.50

(B) Obstructions.

Manhole openings shall be free of protrusions that could injure personnel or prevent ready egress.

(C) Location.

Manhole openings for personnel shall be located where they are not directly above electrical equipment or conductors inside the manhole enclosure. Where this is not practicable, either a protective barrier or a fixed ladder shall be provided.

(D) Covers.

Covers shall be over 45 kg (100 lb) or otherwise designed to require the use of tools to open. They shall be designed or restrained so they cannot fall into the manhole or protrude sufficiently to contact electrical conductors or equipment within the manhole.

(E) Marking.

Manhole covers shall have an identifying mark or logo that prominently indicates their function, such as "electric."

110.76 Access to Vaults and Tunnels.
(A) Location.

Access openings for personnel shall be located where they are not directly above electrical equipment or conductors in the enclosure. Other openings shall be permitted over equipment to facilitate installation, maintenance, or replacement of equipment.

(B) Locks.

In addition to compliance with the requirements of 110.34, if applicable, access openings for personnel shall be arranged such that a person on the inside can exit when the access door is locked from the outside, or in the case of normally locking by padlock, the locking arrangement shall be such that the padlock can be closed on the locking system to prevent locking from the outside.

110.77 Ventilation.

Where manholes, tunnels, and vaults have communicating openings into enclosed areas used by the public, ventilation to open air shall be provided wherever practicable.

110.78 Guarding.

Where conductors or equipment, or both, could be contacted by objects falling or being pushed through a ventilating grating, both conductors and live parts shall be protected in accordance with the requirements of 110.27(A)(2) or 110.31(B)(1), depending on the voltage.

110.79 Fixed Ladders.

Fixed ladders shall be corrosion resistant.

Public Input No. 45-NFPA 70-2025 [Section No. 110.1]

110.1 Scope.

This article covers general requirements for ~~the examination and approval, installation and use, access to and spaces about~~ electrical ~~conductors and equipment; enclosures intended for personnel entry; and tunnel~~ installations.

Statement of Problem and Substantiation for Public Input

The scope, as presently written, does not include everything that is covered by Article 110. This recommendation eliminates the incomplete list and logically correlates the scope with the title of Article 110.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Tue Oct 07 16:02:23 EDT 2025
Committee: NEC-P01

Public Input No. 3662-NFPA 70-2026 [Section No. 110.2]

110.2 Approval.

The ~~conductors and~~ equipment required or permitted by this code shall be acceptable only if approved.

Informational Note No. 1: See 90.7, Examination of Equipment for Safety, and 110.3, Examination, Identification, Installation, Use, and Listing (Product Certification) of Equipment.

Informational Note No. 2: See Article 100 for the definitions of *Approved, Identified, Labeled,* and *Listed*.

Statement of Problem and Substantiation for Public Input

This requirement has several issues that need to be addressed through a revision. First, equipment is a defined term. As written, 110.2 only applies to what is considered equipment as defined per the defined term "equipment" as well as what is considered "conductors" - which is an undefined term. For example, are raceways and cables covered by 110.2? If not, why is the undefined term conductors included yet the defined term raceway not? Additionally and importantly, Informational Note No. 1 refers to 90.7 and and 110.3 related to "equipment" without any mention of the undefined term "conductor." Speaking of 110.3, note that the title of 110.3 ONLY includes "equipment" so evaluation of equipment in (A) and Listing and Labeling in (B) ONLY applies to "equipment" - as defined in Article 100. See 110.3(A)(4) which also seems to support "conductors" being "equipment"since, per that section, (A) Examination, "in judging equipment, considerations such as the following shall be evaluated: (4) Electrical insulation. Apparently, electrical insulation is considered equipment since it is in the equipment evaluation requirement.

Further, from a correlation standpoint, a Public Input has been submitted to the definition of "equipment" which logically adds raceways, conductors and cable assemblies, among other things, to the definition of equipment. That revised definition to the defined term “equipment” is recommended by a Correlating Committee Task Group co-chaired by David Hittinger and Palmer Hickman with additional Task Group members including Mark Christian, Dean Hunter, Ryan Jackson, David Kendall, Kyle Krueger, Todd Lottmann, Kenneth Mckinney, Robert Osborne, Christine Porter, Chris Rawson, Duke Schamel, and David Williams. This revised definition of "equipment" was a consensus recommendation from the aforementioned Task Group members.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1598-NFPA 70-2026 [Definition: Equipment.]	Correlates the definition with the requirement.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 16:16:06 EDT 2026
Committee: NEC-P01

Public Input No. 46-NFPA 70-2025 [Section No. 110.2]

110.2 Approval.

The conductors and equipment required or permitted by this code shall ~~be acceptable only if approved~~ be approved .

Informational Note No. 1: See 90.7, Examination of Equipment for Safety, and 110.3, Examination, Identification, Installation, Use, and Listing (Product Certification) of Equipment.

Informational Note No. 2: See Article 100 for the definitions of *Approved, Identified, Labeled,* and *Listed*.

Statement of Problem and Substantiation for Public Input

This recommendation eliminates the word "acceptable" as it is unenforceable and/or vague to comply with 3.2.1 of the NEC Style Manual. This revision gets to the point by requiring the defined term "approved."

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Tue Oct 07 16:07:55 EDT 2025
Committee: NEC-P01

Public Input No. 1848-NFPA 70-2026 [New Section after 110.3]

(D) Field Labeling.

Field labeling shall be performed by an accredited and approved field evaluation body (FEB) ans shall be in accordance with applicable product standards recognized as achieving equivalent and effective safety for equipment installed to comply with this code and shall be in accordance with 110.3(D)(1) and 110.3(D)(2).

(1) Field Label.

Products and equipment that have undergone field evaluation and have been determined to meet the requirements of the applicable product safety standard(s) shall bear a field evaluation label that indicates the FEB that evaluated the product.

(2) Field Report.

Each field evaluation shall result in a complete report detailing the results of the evaluation and a statement of conformity made from the results.

Informational Note No. 1: See NFPA 791, Recommended Practice and Procedures for Unlabeled Electrical Equipment Evaluation, which provides guidelines for recommended procedures for evaluating unlabeled electrical equipment in conjunction with nationally recognized standard(s) applicable to the subject equipment and any requirements of the authority having jurisdiction (AHJ).

Informational Note No. 2: See International Accreditation Services (IAS) AC 354 Accreditation Criteria For Field Evaluation of Unlisted Electrical Equipment for an example of an FEB Accreditation.

Statement of Problem and Substantiation for Public Input

This public input is being submitted on behalf of the NEC Correlating Committee Listed, Labeled and identified Task Group which includes Chris Jensen, Robert Osborne, David Kendall, David Williams, Thomas Domitrovich, and Christine Porter.
This public input will add a new first level subdivision in section 110.3 to address field labeling of electrical equipment. The current NEC contains a definition for field labeling and for field evaluation body but there are no requirements for the performance of field evaluations and the application of a field label. This new 110.3(D) will require field evaluations (field labeling) to be performed by an accredited and approved field evaluation body. Since there are numerous sections in the current NEC that require electrical equipment to be listed, or field labeled, it is important that the field evaluation body that performs the field evaluation have the appropriate competencies. Requiring field evaluation bodies to be accredited and approved will help ensure that organizations that perform these critical evaluations have the appropriate technical competencies.
The proposed informational note No 2 identifies one accreditation body that accredits FEBs. Section 110.3(D)(1) clarifies that electrical equipment that has undergone a field evaluation and has been determined to meet the requirements of the applicable product safety standard(s) shall bear a field label. 110.3(D)(2) clarifies that in addition to the field label the field evaluation must be accompanied by a field report detailing the results of the field evaluation and a statement of conformity made from the results. The additions of 110.3(D)(1) & (2) will help the AHJ to verify that the equipment has met the applicable requirements. Informational note No 1 identifies the appropriate recommended practice and procedures for performing field evaluations of unlisted or modified equipment.

Submitter Information Verification

Submitter Full Name: Christopher Jensen
Organization: UL LLC
Street Address:
City:
State:

Zip:
Submittal Date: Mon Mar 23 18:12:29 EDT 2026
Committee: NEC-P01

Public Input No. 1963-NFPA 70-2026 [Section No. 110.3(A)]

(A) Examination.

In judging equipment, considerations such as the following shall be evaluated:

(1) Suitability for installation and use in conformity with this code

Informational Note No. 1: Equipment may be new, reconditioned, refurbished, or remanufactured.

Informational Note No. 2: Suitability of equipment use may be identified by a description marked on or provided with a product to identify the suitability of the product for a specific purpose, environment, or application. Special conditions of use or other limitations and other pertinent information may be marked on the equipment, included in the product instructions, or included in the appropriate listing and labeling information. Suitability of equipment may be evidenced by listing or labeling.

(2) Mechanical strength and durability, including, for parts designed to enclose and protect other equipment, the adequacy of the protection thus provided

(3) Wire-bending and connection space

(4) Electrical insulation

(5) Heating effects under normal conditions of use and also under abnormal conditions likely to arise in service

(6) Arcing effects

(7) Classification by type, size, voltage, current capacity, and specific use

(8) Cybersecurity for network-~~connected life~~ connectable life safety equipment to address its ability to withstand unauthorized updates and malicious attacks while continuing to perform its intended safety functionality

Informational Note No. 3: See the ANSI/ISA 62443 series of standards for industrial automation and control systems, the UL 2900 series of standards for software cybersecurity for network-connectable products, and UL 5500, *Standard for Remote Software Updates*, which are standards that provide frameworks to mitigate current and future security cybersecurity vulnerabilities and address software integrity in systems of electrical equipment.

Informational Note No. 4: See NEMA CY 70001, *Cybersecurity Implementation Guidance for Connected Electrical Infrastructure*, for recommendations on how to meet this requirement.

(9) Other factors that contribute to the practical safeguarding of persons using or likely to come in contact with the equipment

Statement of Problem and Substantiation for Public Input

It is not just network connected equipment that must be evaluated. It is any equipment with communication capability. A great example is Stuxnet, where the Iranian centrifuges were destroyed by a virus, transmitted via thumb drives, even though the centrifuge controllers were not "connected" to a network (internet). By replacing "network connected" with "network connectable", this requirement applies to all potentially vulnerable life safety equipment. A definition of network connectable equipment is "Equipment that does or can be connected through a virtual or physical interface or directly connect to the internet or external systems through wired or wireless pathways using various protocols".

Related Public Inputs for This Document

Related Input	Relationship

Public Input No. 3150-NFPA 70-2026 [New Definition after Definition: Neon Tubing.]	A proposed definition of "network connectable equipment" is provided in PI 3150
Public Input No. 3150-NFPA 70-2026 [New Definition after Definition: Neon Tubing.]	

Submitter Information Verification

Submitter Full Name: Vincent Saporita
Organization: Saporita Consulting
Street Address:
City:
State:
Zip:

Submittal Date: Fri Mar 27 11:47:28 EDT 2026
Committee: NEC-P01

Public Input No. 1968-NFPA 70-2026 [Section No. 110.3(A)]

(A) Examination.

In judging equipment, considerations such as the following shall be evaluated:

(1) Suitability for installation and use in conformity with this code

Informational Note No. 1: Equipment may be new, reconditioned, refurbished, or remanufactured.

Informational Note No. 2: Suitability of equipment use may be identified by a description marked on or provided with a product to identify the suitability of the product for a specific purpose, environment, or application. Special conditions of use or other limitations and other pertinent information may be marked on the equipment, included in the product instructions, or included in the appropriate listing and labeling information. Suitability of equipment may be evidenced by listing or labeling.

(2) Mechanical strength and durability, including, for parts designed to enclose and protect other equipment, the adequacy of the protection thus provided

(3) Wire-bending and connection space

(4) Electrical insulation

(5) Heating effects under normal conditions of use and also under abnormal conditions likely to arise in service

(6) Arcing effects

(7) Classification by type, size, voltage, current capacity, and specific use

(8) Cybersecurity for network-connected life safety equipment to address its ability to withstand unauthorized updates and malicious attacks while continuing to perform its intended safety functionality

Informational Note No. 3: See the ANSI/ISA 62443 series of standards for industrial automation and control systems, the UL 2900 series of standards for software cybersecurity for network-connectable products, and UL 5500, *Standard for Remote Software Updates*, which are standards that provide frameworks to mitigate current and future security cybersecurity vulnerabilities and address software integrity in systems of electrical equipment.

Informational Note No. 4: See NEMA CY 70001, *Cybersecurity Implementation Guidance for Connected Electrical Infrastructure*, for recommendations on how to meet this requirement.

Informational Note No. 5: Examples of life safety equipment include, but are not limited to, fire alarm systems, access control, emergency signaling, elevator control, etc.

(9) Other factors that contribute to the practical safeguarding of persons using or likely to come in contact with the equipment

Statement of Problem and Substantiation for Public Input

Because Life Safety Equipment is not defined in the NEC, this Informational Note is needed to provide the clarity needed by AHJs to enforce the requirement.

Submitter Information Verification

Submitter Full Name: Vincent Saporita

Organization: Saporita Consulting

Street Address:
City:
State:
Zip:
Submittal Date: Fri Mar 27 13:40:03 EDT 2026
Committee: NEC-P01

Public Input No. 1970-NFPA 70-2026 [Section No. 110.3(A)]

(A) Examination.

In judging equipment, considerations such as the following shall be evaluated:

(1) Suitability for installation and use in conformity with this code

Informational Note No. 1: Equipment may be new, reconditioned, refurbished, or remanufactured.

Informational Note No. 2: Suitability of equipment use may be identified by a description marked on or provided with a product to identify the suitability of the product for a specific purpose, environment, or application. Special conditions of use or other limitations and other pertinent information may be marked on the equipment, included in the product instructions, or included in the appropriate listing and labeling information. Suitability of equipment may be evidenced by listing or labeling.

(2) Mechanical strength and durability, including, for parts designed to enclose and protect other equipment, the adequacy of the protection thus provided

(3) Wire-bending and connection space

(4) Electrical insulation

(5) Heating effects under normal conditions of use and also under abnormal conditions likely to arise in service

(6) Arcing effects

(7) Classification by type, size, voltage, current capacity, and specific use

(8) Cybersecurity for network-connected life safety equipment ~~to~~ **and non-life safety equipment located in vital infrastructure facilities** to address its ability to withstand unauthorized updates and malicious attacks while continuing to perform its intended safety functionality

Informational Note No. 3: See the ANSI/ISA 62443 series of standards for industrial automation and control systems, the UL 2900 series of standards for software cybersecurity for network-connectable products, and UL 5500, *Standard for Remote Software Updates*, which are standards that provide frameworks to mitigate current and future security cybersecurity vulnerabilities and address software integrity in systems of electrical equipment.

Informational Note No. 4: See NEMA CY 70001, *Cybersecurity Implementation Guidance for Connected Electrical Infrastructure*, for recommendations on how to meet this requirement.

Informational Note No. 5: Examples of vital infrastructure facilities include, but are not limited to, waste water treatment facilities, water supply facilities, police stations, call centers, financial centers, data centers, and military bases.

(9) Other factors that contribute to the practical safeguarding of persons using or likely to come in contact with the equipment

Statement of Problem and Substantiation for Public Input

It is not only life safety equipment that must be protected from cyber attacks, but also the non-life safety equipment located in “vital infrastructure facilities” that helps keep our population alive and safe from danger. For example, take a large metropolitan area, such as Chicago, if its waste water treatment was shut down due to a cyber attack. When toilets won't flush, and sewage begins backing up, it is not only an unhealthy situation but one in which riots will likely occur. Without a definition of “vital infrastructure facilities”, examples are needed and therefor provided in Informational Note No. 5.

There is no conflict with Article 708. While some “vital infrastructure facilities” have been designated by authorities as Article 708 Critical Operations Power Systems, most “vital infrastructure facilities” have not been so designated.

Let’s look at an example of a waste water treatment facility. 110.3(A)(8) requires that the fire alarm system in a waste water treatment facility, because it is assumed to be life safety equipment, be evaluated in light of cybersecurity. However, there is no cybersecurity requirement for non-life safety systems within the waste water treatment plant, such as industrial control panels. With this Public Input, the industrial control panels located in the waste water treatment facility must be evaluated.

Submitter Information Verification

Submitter Full Name: Vincent Saporita
Organization: Saporita Consulting
Street Address:
City:
State:
Zip:

Submittal Date: Fri Mar 27 14:04:07 EDT 2026
Committee: NEC-P01

Public Input No. 2012-NFPA 70-2026 [Section No. 110.3(A)]

(A) Examination.

In ~~judging~~ approving equipment, considerations such as the following shall be evaluated for :

(1) Suitability for installation and use in conformity with this code

Informational Note No. 1: Equipment may be new, reconditioned, refurbished, or remanufactured.

Informational Note No. 2: Suitability of equipment use may be identified by a description marked on or provided with a product to identify the suitability of the product for a specific purpose, environment, or application. Special conditions of use or other limitations and other pertinent information may be marked on the equipment, included in the product instructions, or included in the appropriate listing and labeling information. Suitability of equipment may be evidenced by listing or labeling.

(2) Mechanical strength and durability, including, for parts designed to enclose and protect other equipment, the adequacy of the protection thus provided

(3) Wire-bending and connection space

(4) Electrical insulation

(5) Heating effects under normal conditions of use and also under abnormal conditions likely to arise in service

(6) Arcing effects

(7) Classification by type, size, voltage, current capacity, and specific use

(8) Cybersecurity for network-connected life safety equipment to address its ability to withstand unauthorized updates and malicious attacks while continuing to perform its intended safety functionality

Informational Note No. 3: See the ANSI/ISA 62443 series of standards for industrial automation and control systems, the UL 2900 series of standards for software cybersecurity for network-connectable products, and UL 5500, *Standard for Remote Software Updates*, which are standards that provide frameworks to mitigate current and future security cybersecurity vulnerabilities and address software integrity in systems of electrical equipment.

Informational Note No. 4: See NEMA CY 70001, *Cybersecurity Implementation Guidance for Connected Electrical Infrastructure*, for recommendations on how to meet this requirement.

(9) Other factors that contribute to the practical safeguarding of persons using or likely to come in contact with the equipment

Statement of Problem and Substantiation for Public Input

judging is better left to a BBQ cook off, the reason for examination is for conformity to codes and standards, once affirmed it is approved. 110.3 is guidance for the equipment's approval

Submitter Information Verification

Submitter Full Name: Alfio Torrisi

Organization: Vector Resource Corporation

Street Address:

City:

State:
Zip:
Submittal Date: Sat Mar 28 13:45:05 EDT 2026
Committee: NEC-P01

Public Input No. 2228-NFPA 70-2026 [Section No. 110.3(A)]

(A) Examination.

In judging equipment, considerations such as the following shall be evaluated:

(1) Suitability for installation and use in conformity with this code

Informational Note No. 1: Equipment may be new, reconditioned, refurbished, or remanufactured.

Informational Note No. 2: Suitability of equipment use may be identified by a description marked on or provided with a product to identify the suitability of the product for a specific purpose, environment, or application. Special conditions of use or other limitations and other pertinent information may be marked on the equipment, included in the product instructions, or included in the appropriate listing and labeling information. Suitability of equipment may be evidenced by listing or labeling.

(2) Mechanical strength and durability, including, for parts designed to enclose and protect other equipment, the adequacy of the protection thus provided

(3) Wire-bending and connection space

(4) Electrical insulation

(5) Heating effects under normal conditions of use and also under abnormal conditions likely to arise in service

(6) Arcing effects

(7) Classification by type, size, voltage, current capacity, and specific use

(8) Cybersecurity for network-connected life safety equipment to address its ability to withstand unauthorized updates and malicious attacks while continuing to perform its intended safety functionality

Informational Note No. 3: See the ANSI/ISA 62443 series of standards for industrial automation and control systems, the UL 2900 series of standards for software cybersecurity for network-connectable products, and UL 5500, *Standard for Remote Software Updates*, which are standards that provide frameworks to mitigate current and future security cybersecurity vulnerabilities and address software integrity in systems of electrical equipment.

Informational Note No. 4: See NEMA CY 70001, *Cybersecurity Implementation Guidance for Connected Electrical Infrastructure*, for recommendations on how to meet this requirement.

(9) Other factors that contribute to the practical safeguarding of persons using or likely to come in contact with the equipment

(10) Artificial Intelligence (AI) functionality for equipment incorporating autonomous or algorithmic decision-making, including the ability of such functions to maintain intended safety, resist erroneous or malicious model manipulation, and operate within the limits of the equipment's listing.

Informational Note No. 5: Equipment incorporating artificial intelligence functionality may rely on software models, data-driven algorithms, or autonomous decision-making logic. UL 3115, Outline of Investigation for Safety of AI-Based Products, UL 3300, Standard for Service Robots, UL 4600, Standard for Safety for the Evaluation of Autonomous Products, UL 5500, Standard for Remote Software Updates, and other emerging AI software lifecycle and safety standards provide frameworks for evaluating safety, robustness, model integrity, and operational constraints for AI-enabled electrical equipment.

See Annex A.110.3(A)

Additional Proposed Changes

File Name	Description	Approved
Explanatory_Annex_Content_for_110.3_A_New_List_Item_for_AI_Functionality.docx	Explanatory Annex Material for 110.3(A) (10)	

Statement of Problem and Substantiation for Public Input

Artificial Intelligence (AI) functions are rapidly emerging in electrical equipment, including circuit breakers, energy management systems, transfer switches, distributed energy resource controllers, automated building systems, and emergency power equipment. These systems increasingly employ machine learning (ML) based diagnostic logic, adaptive optimization, or autonomous control functions that may directly influence electrical safety.

As AI capabilities expand, new categories of hazards arise that differ materially from those associated with traditional firmware or programmable logic. AI enabled features may:

- Make autonomous safety relevant decisions based on learned behavior rather than deterministic programming.
- Be vulnerable to model corruption, drift, data integrity failures, or unintended interactions with system inputs.
- Behave unpredictably under operating conditions that differ from those represented in training or validation datasets.
- Exhibit degraded or unsafe performance if subject to malicious manipulation, unauthorized updates, or flawed data inputs.
- Change behavior over time due to adaptive algorithms, requiring appropriate guardrails to ensure safety is maintained.

The purpose of the NEC includes the practical safeguarding of persons and property from hazards arising from the use of electricity. As AI becomes integrated into equipment performing protective or life safety functions, its safe operation becomes part of this mandate.
Similar to earlier recognition of cybersecurity hazards in Public Inputs addressing Section 110.3(A), acknowledging AI as a specific consideration ensures that:

1. AHJs and installers understand that AI based functions must be evaluated for safety as part of equipment examination;
2. Manufacturers provide markings, instructions, conditions of use, and limitations that reflect the performance boundaries of AI enabled features;
3. Listing processes consider whether AI functions remain safe, robust, and within defined limits; and
4. The Code explicitly recognizes AI related hazards rather than relying on the general phrase “other factors,” ensuring national consistency.

This Public Input does not mandate an evaluation methodology nor adopt specific AI standards at this time. Instead, it acknowledges AI as an emerging safety concern and provides an appropriate reference point in the Code’s principal equipment examination requirements.

Given the rapid adoption of AI enabled electrical equipment, explicit recognition in 110.3(A) is timely and necessary to support AHJs, manufacturers, installers, and certification bodies.

Additionally, Explanatory Material is provided for the new Annex A to provide additional information regarding how AI functions are relevant to the NEC and how the new features evaluated during product certification may be identified.

Submitter Information Verification

Submitter Full Name: Robert Osborne
Organization: UL Solutions
Street Address:

City:
State:
Zip:
Submittal Date: Tue Mar 31 14:16:35 EDT 2026
Committee: NEC-P01

Explanatory Annex A

110.3(A)(10) Electrical equipment and systems increasingly incorporate adaptive, autonomous, or algorithm-based control functions based on artificial intelligence (AI) or machine learning (ML) algorithms. In some applications, particularly complex installations such as data centers and industrial facilities, these functions may influence electrical protection, energization, isolation, fault response, or recovery from abnormal conditions.

AI-enabled functions are relevant to the NEC when such functions influence safety-critical electrical behavior, including protective device operation, energization or de-energization sequences, and system response to abnormal or fault conditions.

Safe installation and use of AI-enabled electrical equipment that affects electrical safety is achieved by complying with the equipment's listing and the manufacturer's installation and operating instructions.

To support inspection and enforcement, AI-enabled equipment performing safety-relevant functions may be identified or marked to indicate the presence of adaptive or autonomous features addressed during product evaluation.

Such identification assists AHJs and installers in recognizing when listed conditions or specific use instructions warrant particular attention, without requiring examination of internal algorithms.

Public Input No. 2244-NFPA 70-2026 [Section No. 110.3(A)]

(A) Examination.

In judging equipment, considerations such as the following shall be evaluated:

(1) Suitability for installation and use in conformity with this code

Informational Note No. 1: Equipment may be new, reconditioned, refurbished, or remanufactured.

Informational Note No. 2: Suitability of equipment use may be identified by a description marked on or provided with a product to identify the suitability of the product for a specific purpose, environment, or application. Special conditions of use or other limitations and other pertinent information may be marked on the equipment, included in the product instructions, or included in the appropriate listing and labeling information. Suitability of equipment may be evidenced by listing or labeling.

(2) Mechanical strength and durability, including, for parts designed to enclose and protect other equipment, the adequacy of the protection thus provided

(3) Wire-bending and connection space

(4) Electrical insulation

(5) Heating effects under normal conditions of use and also under abnormal conditions likely to arise in service

(6) Arcing effects

(7) Classification by type, size, voltage, current capacity, and specific use

(8) Cybersecurity for network-connected life safety equipment to address its ability to withstand unauthorized updates and malicious attacks while continuing to perform its intended safety functionality

Informational Note No. 3: See the ANSI/ISA 62443 series of standards for industrial automation and control systems, the UL 2900 series of standards for software cybersecurity for network-connectable products, and UL 5500, *Standard for Remote Software Updates*, which are standards that provide frameworks to mitigate current and future security cybersecurity vulnerabilities and address software integrity in systems of electrical equipment.

Informational Note No. 4: See NEMA CY 70001, *Cybersecurity Implementation Guidance for Connected Electrical Infrastructure*, for recommendations on how to meet this requirement.

(9) Artificial Intelligence (AI) for equipment, when used to perform or control safety-related functions, is evaluated on the system's ability to maintain a safe state and perform its intended safety functionality when encountering data or environmental conditions outside its trained parameters.

Informational Note No. 5: See UL 3115, *Safety of AI-Based Products* , for a framework to evaluate the safety of AI-driven electrical systems.

(10) Other factors that contribute to the practical safeguarding of persons using or likely to come in contact with the equipment

Statement of Problem and Substantiation for Public Input

The NEC includes Cybersecurity evaluation requirements in 110.3(A)(8) to protect against external threats. However, it does not currently address the internal risks associated with Artificial Intelligence (AI) and autonomous decision-making logic. As electrical systems continue to incorporate "smart" products and infrastructure, the logic controlling them can fail in ways that traditional "fixed" software cannot.

Submitter Information Verification

Submitter Full Name: Charles Mercier
Organization: UL Standards & Engagement
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 31 15:58:16 EDT 2026
Committee: NEC-P01

Public Input No. 839-NFPA 70-2026 [Section No. 110.3(A)]

(A) Examination.

In judging equipment, considerations such as the following shall be evaluated:

(1) Suitability for installation and use in conformity with this code

Informational Note No. 1: Equipment may be new, reconditioned, refurbished, or remanufactured.

Informational Note No. 2: Suitability of equipment use may be identified by a description marked on or provided with a product to identify the suitability of the product for a specific purpose, environment, or application. Special conditions of use or other limitations and other pertinent information may be marked on the equipment, included in the product instructions, or included in the appropriate listing and labeling information. Suitability of equipment may be evidenced by listing or labeling.

(2) Mechanical strength and durability, including, for parts designed to enclose and protect other equipment, the adequacy of the protection thus provided

(3) Wire-bending and connection space

(4) Electrical insulation

(5) Heating effects under normal conditions of use and also under abnormal conditions likely to arise in service

(6) Arcing effects

(7) Classification by type, size, voltage, current capacity, and specific use

(8) Cybersecurity for network-connected life safety equipment to address its ability to withstand unauthorized updates and malicious attacks while continuing to perform its intended safety functionality

Informational Note No. 3: See the ANSI/ISA 62443 series of standards for industrial automation and control systems, the UL 2900 series of standards for software cybersecurity for network-connectable products, and UL 5500, *Standard for Remote Software Updates*, which are standards that provide frameworks to mitigate current and future security cybersecurity vulnerabilities and address software integrity in systems of electrical equipment.

Informational Note No. 4: See NEMA CY 70001, *Cybersecurity Implementation Guidance for Connected Electrical Infrastructure*, for recommendations on how to meet this requirement.

(9) Resistance to electromagnetic interference (EMI).

(10) Other factors that contribute to the practical safeguarding of persons using or likely to come in contact with the equipment

Additional Proposed Changes

File Name	Description	Approved
Statement_of_support_-_EMI_in_Data_Centers.pdf	Statement of support - EMI in Data Centers	

Statement of Problem and Substantiation for Public Input

With the continuing trend of sensitive electronic equipment being installed, resistance to EMI has never been more important. Negative effects of EMI can include data loss, improperly functioning equipment, signal distortion, calibration errors, data corruption, and loss of power to life-safety and health equipment.

Incorporating this guidance into the NEC reinforces the NEC's objective of establishing practical safeguarding against the hazards that arise from the use of electricity. A letter of support from data center design experts, Gavin Industries, is provided as part of this public input.

Submitter Information Verification

Submitter Full Name: Dale Crawford
Organization: Steel Tube Institute
Street Address:
City:
State:
Zip:

Submittal Date: Fri Jan 30 18:59:36 EST 2026
Committee: NEC-P01

GAVEN
RF & EMP SHIELDING EXPERTS

February 15th, 2026

To whom it may concern

Statement of Technical Support

Electromagnetic interference (EMI) and high-energy electromagnetic environments such as High-Altitude Electromagnetic Pulse (HEMP) remain critical considerations in the design and operation of modern data centers. As computing density, power conversion complexity, and reliance on continuous operation increase, the potential for both unintentional and extreme electromagnetic disturbances to impact performance, availability, and mission continuity also grows.

Effective EMI control and electromagnetic protection should be integrated into data center design from the outset. This includes proper grounding and bonding, shielding practices, and attention to electromagnetic compatibility (EMC) between power and signal systems. For facilities supporting mission-critical, defense, or national-security functions, additional analysis for survivability against severe electromagnetic events such as HEMP or Intentional Electromagnetic Interference (IEMI) should also be considered.

Incorporating language within the NEC, that prompts designers to assess electromagnetic risks, ranging from everyday EMI to high-impact HEMP events, will help ensure the resilience and functional reliability of critical infrastructure.

Thanks,

Thomas Bliznik

Head of Technical Sales & BD

Thomas.Bliznik@gavenindustries.com

Tom Bliznik

Visit us @ https://www.gavenindustries.com/applications/emp-hemp-shielding/

Public Input No. 1588-NFPA 70-2026 [Section No. 110.3(B)]

(B) Installation and Use.

Equipment and Wiring Methods that ~~is~~ are listed, labeled, ~~or both~~ or both ,~~ or identified~~ or identified for a use shall be installed and used in accordance with any instructions included in the listing, labeling, or identification. Such instructions shall result in an installation and use that complies with the requirements within this code.

Informational Note: The installation and use instructions may be provided in the form of printed material, quick response (QR) code, or the address on the internet where users can download the required instructions.

Statement of Problem and Substantiation for Public Input

Section 110.3(B) currently applies only to “Equipment.", however, Wiring Methods are also listed and labeled products that can include very specific installation instructions that have to be followed as per their Manufacturers Instructions, unless the code says otherwise.

Because Wiring Methods are not included in the exact wording of 110.3(B), the Enforcement of these manufacturer installation instructions for these Wiring Methods may not be enforceable by the Authority Having Jurisdiction (AHJ).

The definition of “Equipment” in Article 100 does not include Wiring Methods, this position was confirmed where Public Comment No.1746-NFPA 70-2024 by Christel Hunter of Cero Wire proposing the expansion of the term “Equipment” to include "Wiring Methods" in that definition was rejected by the Code Making Panel Members "NEC-P01" at that time with the panel stating that wiring methods such as cables and conductors are not included within the definition of "Equipment". With being said and decided by NEC-P01, Wiring Methods can be interpreted as to not having to comply with 110.3(B) which can cause installations that are not in compliance with Manufactures Instructions and which can cause unnecessary delays and costs in completing electrical installations.

By adding “Wiring Methods” to 110.3(B), this gives our Electricians and AHJ's better clarity and more code compliant installations and also more importantly, it will give our AHJ's a better position to enforce the requirements for Wiring Methods to be installed as per their Manufactures Instructions, unless the code says otherwise.

Thank you
Steve Kavallaris
Chief Electrical Instructor
ElectricalTime.com

Submitter Information Verification

Submitter Full Name: Steve Kavallaris
Organization: ElectricalTime.com
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 17 08:24:48 EDT 2026
Committee: NEC-P01

Public Input No. 1592-NFPA 70-2026 [Section No. 110.3(B)]

(B) Installation and Use.

instead of

" Equipment that is listed, labeled, or both, or identified for a use shall be installed and used in accordance with any instructions included in the listing, labeling, or identification. Such instructions shall result in an installation and use that complies with the requirements within this code. "

how about inserting this at the end to help clarify the CMP position on this.

"Equipment that is listed, labeled, or both, or identified for a use shall be installed and used in accordance with any instructions included in the listing, labeling, or identification.

Such instructions shall result in an installation and use that complies with the requirements within this code. Those requirements shall be applied **except where the equipment's listing or labeling specifies more restrictive limitations** .

In such cases, the **most restrictive requirement shall apply** ."

or

"

Equipment that is listed, labeled, or identified for a use shall be installed and used in accordance with any instructions included in the listing, labeling, or identification.

Such instructions shall result in an installation that complies with the applicable requirements of this Code. Where this Code provides requirements for sizing, rating, or application, those requirements shall be applied except where the equipment listing or labeling specifies more restrictive limitations."

Informational Note: The installation and use instructions may be provided in the form of printed material, quick response (QR) code, or the address on the internet where users can download the required instructions.

this gets confused with how it works with the tables in 430. for example. i think this makes it clearer and up to the reader to realize this code those apply and when it doesnt apply

Statement of Problem and Substantiation for Public Input

There is a confusion I've seen among engineers where they aren't clear on how 110.3(B) applies with other codes such as 430 tables in sizing motors. does the manufactures recommendation take precedence or does table 430 takes precedence. and when does what take precedence. im hoping this clears it up

Submitter Information Verification

Submitter Full Name: maximiliano barona

Organization: ICPE currently, I also worked at Heath Engineering, Royal engineering

Street Address:

City:

State:

Zip:

Submittal Date: Tue Mar 17 09:57:04 EDT 2026

Committee: NEC-P01

Public Input No. 2345-NFPA 70-2026 [Section No. 110.3(B)]

(B) Installation and Use.

Equipment that is listed, labeled, or both, or identified for a use shall be installed and used in accordance with any instructions included in the listing, labeling, or identification, provided that these instructions are physically printed and included with the equipment . Such instructions shall result in an installation and use that complies with the requirements within this code.

~~Informational Note: The installation and use instructions may be provided in the form of printed material, quick response (QR) code, or the address on the internet where users can download the required instructions.~~

Statement of Problem and Substantiation for Public Input

Although QR codes and internet addresses are increasingly the means by which installation and use instructions for equipment are made available (as allowed by listing standards, discussed in Public Input No. 564-NFPA 70-2020), they are not proving reliable enough to ensure access to these instructions. Digital access is too prone to technical and connectivity issues. Regardless of the allowances of any listing standards, 110.3(B) should specify that any instructions required to be followed must be physically printed and included with the equipment, similar to how 110.21 (independent of any listing standard) both requires certain important information to be marked on equipment, and alludes to other such requirements throughout the Code.

Recently, I had great difficulty accessing the instructions for an arc-fault circuit breaker. I scanned the provided QR code, which led to a page on the company website, stating, "File not present in [company library]". I then manually searched the circuit breaker model number but still found nothing. I tried clicking on a link for "technical support", but it produced the message, "The requested page could not be found." I contacted the manufacturer by phone, and a company representative told me in a follow-up e-mail that they had had an issue with the QR code for this product, and that the product is now shipped with a different QR code. He did not explain why a manual search using the model number did not provide the instructions. He e-mailed me instructions for an arc-fault circuit breaker, but they were not marked with the model number of this arc-fault breaker, leaving some uncertainty as to whether these were the correct instructions.

Regardless, the listing standard for this breaker does not permit having to contact the manufacturer as an acceptable means to provide instructions (UL 1699 68.7), and so this breaker, as is, does not satisfy all the conditions of its listing. The faulty QR code also inhibits proper testing and use of the breaker, as it is included on a sticker with the note, "Affix to inside of panel door and scan for test procedure". It's concerning that a link may function when the equipment is manufactured (the representative said this was likely the case here), but the link may somehow go bad before the equipment is installed (the representative told me that he consulted his supervisors, and they would not address the issue with this QR code; I would have to purchase new breakers to obtain functional QR codes). I have encountered other difficulties with digital instructions, but this example was particularly glaring and exhibits the overall instability of digital instructions.

Even if all technical problems were solved, however, it is still impossible or extremely difficult to access these instructions if there is no or poor cellular service. I work in a densely populated urban area, but poor cellular service is surprisingly common; naturally this problem is worse in rural areas. Wi-fi is not always available on jobsites, either.

Digital access is prone to needless complications and potential fail points, while printed instructions are tangible and immediate. It is not viable to require installers or other relevant people to follow instructions that they may not be able to access without great difficulty, or, possibly, may not be able to access at all.

Submitter Information Verification

Submitter Full Name: Brian Hickey
Organization: none
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 01 21:54:00 EDT 2026
Committee: NEC-P01

Public Input No. 2932-NFPA 70-2026 [Section No. 110.3(B)]

(B) Installation and Use.

Equipment that is listed, labeled, or both, or identified for a use shall be installed and used in accordance with any instructions included in the listing, labeling, or identification. Such instructions shall result in an installation and use that complies with the requirements within this code.

Informational Note: See Artical 100 for the defintion of LIsted. The installation and use instructions may be provided in the form of printed material, quick response (QR) code, or the address on the internet where users can download the required instructions.

Statement of Problem and Substantiation for Public Input

The informational note format is revised to comply with the NEC Style Manual 2.1.10.3. The panel may consider the option of moving the informational note to Annex A.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: IEC
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 09:43:24 EDT 2026
Committee: NEC-P01

Public Input No. 602-NFPA 70-2026 [Section No. 110.3(B)]

(B) Installation and Use.

Equipment that is listed, labeled, or both, or identified for a use shall be installed and used in accordance with any instructions included in the listing, labeling, or identification. Such instructions shall result in an installation and use that complies with the requirements within this code.

Informational Note: The installation and use instructions may be provided in the form of printed material, quick response (QR) code, or the address on the internet where users can download the required instructions.

(1) Equipment Exposed to Water. Electrical equipment that has been submerged in water or subjected to water intrusion such that water can enter or remain within the equipment enclosure shall not be placed back into service until it complies with (a) or (b).

(a) Replacement. The equipment shall be replaced.

(b) Evaluation and Restoration. The equipment shall be permitted to be returned to service where one of the following conditions is met:

(1) The equipment is evaluated and restored in accordance with the manufacturer's published instructions for equipment exposed to water; or

(2) The equipment is evaluated, tested, and marked with a field evaluation label by a qualified testing laboratory or field evaluation body acceptable to the authority having jurisdiction.

Documentation: Where equipment is returned to service under (b), documentation of the evaluation and restoration shall be made available to the authority having jurisdiction upon request.

Additional Proposed Changes

File Name	Description	Approved
Submerged_Equipment_Definition.pdf	Adds definition of : Submerged (Equipment)	
Water_Intrusion_Equipment_Definition.pdf	Adds definition of: Water Intrusion (equipment)	

Statement of Problem and Substantiation for Public Input

Post-flood recovery and disaster restoration frequently results in electrical equipment being re-energized after exposure to water without consistent, enforceable evaluation criteria. While 110.3(B) requires listed or labeled equipment to be installed and used in accordance with instructions included in the listing or labeling, manufacturer evaluation or restoration guidance is often unavailable, non-specific, or impractical to obtain during restoration conditions. As a result, equipment is commonly returned to service based on visual inspection or ad hoc judgment, creating inconsistent enforcement, unsafe restoration practices, and latent failure risk.

Electrical equipment exposed to water can experience corrosion, tracking, insulation breakdown, contamination deposition, and mechanical degradation that are not reliably detectable through visual inspection and may manifest later under load, resulting in abnormal heating, failure to operate as intended, or failure to clear faults.

This proposal establishes enforceable terminology and a uniform compliance pathway applicable across equipment types. The proposed Article 100 definitions for Water Intrusion (Equipment) and Submerged (Equipment) provide clear thresholds for when water exposure is sufficient to create internal risk, including common intrusion routes and enclosure entry points.

The proposed revision to 110.3(B) then requires that equipment meeting these exposure conditions be either replaced or returned to service only after evaluation and restoration consistent with manufacturer published instructions or qualified field evaluation and labeling acceptable to the authority having jurisdiction. This approach provides consistent enforcement and aligns with established industry guidance including NEMA GD 1 — Evaluating Water-Damaged Electrical Equipment, which recognizes replacement as the default and permits restoration only under defined conditions depending on equipment type, exposure level, and evaluation method.

Submitter Information Verification

Submitter Full Name: Joseph Wells

Organization: GEMCO

Street Address:

City:

State:

Zip:

Submittal Date: Sun Jan 18 14:20:55 EST 2026

Committee: NEC-P01

PUBLIC INPUT — NEC 2026

Code Section: Article 100 (Definitions)

Proposed New Definition

Water Intrusion (Equipment). The entry of water into an equipment enclosure, including through conduit, raceway, seams, or ventilation openings.

PUBLIC INPUT — NEC 2026

Code Section: Article 100 (Definitions)

Proposed New Definition

Submerged (Equipment). Exposed to water to a level where water is likely to enter the equipment enclosure.

Public Input No. 1835-NFPA 70-2026 [Section No. 110.3(C)]

(C) Listing.

Product testing, evaluation, and listing (product certification) shall be performed by recognized qualified electrical testing laboratories and shall be in accordance with applicable product standards recognized as achieving equivalent and effective safety for equipment installed to comply with this code and shall be in accordance with 110 .3(C)(1) and 110.3(C)(2).

(1) Listing (Certification) Mark.

Products that have undergone testing, evaluation and listing shall bear a listing (certification) mark that indicates the recognized qualified electrical testing laboratory that listed the product. For products that do not have sufficient size to apply the listing mark, the mark shall be permitted to be located on the smallest unit container in which the product is packaged.

(2) Listed for a Specific Purpose.

Products listed for a specific purpose shall include markings or instructions to identify the specific purpose.

Informational Note No 1 : The Occupational Safety and Health Administration (OSHA) recognizes qualified electrical testing laboratories that perform evaluations, testing, and certification of certain products to ensure that they meet the requirements of both the construction and general industry OSHA electrical standards. If the listing (product certification) is done under a qualified electrical testing laboratory program, this listing mark signifies that the tested and certified product complies with the requirements of one or more appropriate product safety test standards.

Informational Note No 2: Information identifying the specific purpose may be provided in the form of a quick response (QR) code, or the address on the internet where users can download the required information.

Statement of Problem and Substantiation for Public Input

This Public Input is being submitted on behalf of the NEC Correlating Committee Listed, Labeled and identified Task Group which includes Chris Jensen, Robert Osborne, David Kendall, David Williams, Thomas Domitrovich, and Christine Porter.
This public input is intended to clarify that products that have undergone product evaluation and listing must also bear a listing mark indicating the organization that listed the product. The proposed new text will clarify that if the product does not have sufficient size to apply the listing mark that the mark is permitted to be located on the smallest unit container that the product is packaged. 110.3(C)(2) is intended to clarify that when a listed product is required to be listed for a specific purpose, environment, or application that the equipment shall include markings or instructions to identify the specific purpose. This is intended to distinguish listed products with ratings that are part of the product listing from equipment that is only required to be identified for a specific purpose (and the marking may not be part of the product listing). Informational Note No 2 is added to clarify listed products may have information identifying the specific purpose the product was listed for provided in the form of a QR code or internet URL.

Submitter Information Verification

Submitter Full Name: Christopher Jensen
Organization: UL LLC
Street Address:
City:
State:
Zip:

Submittal Date: Mon Mar 23 12:27:07 EDT 2026
Committee: NEC-P01

Public Input No. 2935-NFPA 70-2026 [Section No. 110.3(C)]

(C) Listing.

Product testing, evaluation, and listing ~~(product certification)~~ shall be performed by recognized qualified electrical testing laboratories and shall be in accordance with applicable product standards recognized as achieving equivalent and effective safety for equipment installed to comply with this code.

Informational Note: The Occupational Safety and Health Administration (OSHA) recognizes qualified electrical testing laboratories that perform evaluations, testing, and certification of certain products to ensure that they meet the requirements of both the construction and general industry OSHA electrical standards. If the listing ~~(product certification)~~ is done under a qualified electrical testing laboratory program, this listing mark signifies that the tested and certified product complies with the requirements of one or more appropriate product safety test standards.

Statement of Problem and Substantiation for Public Input

The parenthetical expression phrase (product certification) is removed in the main paragraph and the informational note for clarification of the requirement to comply with the NEC Style Manual sentence structure 3.5.1.1.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: Independent Electrical Contractors
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 11:07:05 EDT 2026
Committee: NEC-P01

Public Input No. 1819-NFPA 70-2026 [Section No. 110.4]

110.4 Voltages.

The voltage considered shall be ~~that at which the circuit operates~~ the nominal voltage of the circuit . The voltage rating of electrical equipment shall ~~not be~~ conform to 110.4(A) or 110.4(B)

(A) Be not less than the nominal voltage of the circuit to which it is connected.

(B) Be identified for use at the voltage to which it is connected.

Informational note: An example of equipment that has a different voltage rating than the circuit to which it is connected is a motor .

Statement of Problem and Substantiation for Public Input

As written, it is currently a Code violation to connect a 460 volt motor to a 480 volt circuit. I have submitted this PI in the past and it has been rejected because the Code panel states that the word "Nominal" takes care of the situation. But that is not true. The Nominal voltage is a single number, e.g. 480. There is an acceptable range of voltages, as is referenced in ANSI C84.1, but the nominal voltage is a single number. Also, 110.4 currently states that the voltage shall be the voltage at which the circuit operates. This is not the nominal. A system might have a nominal voltage of 480, but it might operate at 504 volts. According to the current wording of 110.4, this would be a 504 volt system.

Submitter Information Verification

Submitter Full Name: Eric Stromberg
Organization: Los Alamos National Laboratory
Affiliation: Self
Street Address:
City:
State:
Zip:

Submittal Date: Sat Mar 21 23:03:53 EDT 2026
Committee: NEC-P01

Public Input No. 2227-NFPA 70-2026 [Section No. 110.4]

110.4 Voltages.

The voltage considered shall be that at which the circuit operates. The voltage rating of electrical equipment shall not be less than the nominal voltage of a circuit to which it is connected.

Informational Note: See ANSI C84.1 for voltage classifications.

Statement of Problem and Substantiation for Public Input

The NEC should reference the ANSI standard C84 for information on voltage classifications. This standard provides the industry recognized terminology related to what constitutes low medium and high voltages, terms that are used by the NEC and industry, but used inconsistently with the ANSI C84 standard. This informational note offers a first step in the needed alignment between the two standards ANSI C84 AND NFPA 70. Voltage classifications based on this ANSI standard are as follows:

Voltage Classifications
Low Voltage: Up to 1000V
Medium Voltage: 1001V to 100kV
High Voltage: 100kV to 230kV
Extra High Voltage: 231kV to 1000kV
Ultra High Voltage: Above 1000kV

Submitter Information Verification

Submitter Full Name: Michael Johnston
Organization: Roadrunner Technical Services LLC
Affiliation: None
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 31 14:13:09 EDT 2026
Committee: NEC-P01

Public Input No. 3693-NFPA 70-2026 [Section No. 110.5]

110.5 Conductors.

Conductors used to carry current as their primary function shall be of copper, aluminum, or copper-clad aluminum unless otherwise provided in this code. If the conductor material is not specified, the sizes given in this code shall apply to copper conductors. If other materials are used, the size shall be changed accordingly.

Statement of Problem and Substantiation for Public Input

"Conductor(s)" is/are an undefined term. As such, this requirement is inaccurate. For example, although it could be made of other conducting materials, a steel raceway could be a conductor in meeting its primarily defined function of "holding wires, cables, or busbars" as well as one of its "additional functions" such as an equipment grounding conductor (EGC) per 250.118(A)(2),(3) and (4). An EGC are expected "to be used to carry current" - albeit not as its primary function. While there are many other examples of steel and other conducting or conducting (conductor) materials that are conductors, limiting this requirement to only the "conductor material" specified in 110.5. In addition to "conductor" being undefined in the NEC, see the definition of raceway in Article 100 and examples of EGCs in 250.118(A) as substantiation for this necessary revision.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 17:06:07 EDT 2026
Committee: NEC-P01

Public Input No. 3698-NFPA 70-2026 [Section No. 110.6]

110.6 Conductor Sizes.

~~Conductor sizes~~ Sizes for conductors for general wiring are expressed in American Wire Gauge (AWG) or in circular mils.

Statement of Problem and Substantiation for Public Input

"Conductor(s)" is/are an undefined term. As such, this requirement infers and/or implies that a conductor can only be a conductor if it has a sized as an AWG or circular mils. This is simply not the case as there are Types of conductors in the NEC that are not sized by an AWG or circular mils. For example, see the defined terms "busbar" and "busway" where the latter describes the conductors as bars, rods or tubes. This recommendation is to correctly correlate 110.6 with the title of Article 310 which uses the term "conductors for general wiring."

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 17:32:50 EDT 2026
Committee: NEC-P01

Public Input No. 1892-NFPA 70-2026 [Section No. 110.8]

110.8 Wiring Methods.

~~Only wiring~~ Wiring methods recognized as ~~suitable~~ suitable in this code are ~~included~~ identified in ~~this code~~ Table 110 .8. The recognized ~~methods of~~ wiring ~~shall~~ methods shall be permitted to be installed in any type of building, occupancy, or premises wiring system, except as otherwise provided in this code.

Informational Note: Wiring methods in Table 110.8 were located in Chapter 3, "Wiring Methods and Materials" in the 2026 edition of this code.

Wiring Methods	**Article**
Cabinets, Cutout Boxes, and Meter Socket Enclosures	312
Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings; and Handhole Enclosures	314
Armored Cable: Type AC	320
Flat Cable Assemblies: Type FC	322
Flat Conductor Cable: Type FCC	324
Integrated Gas Spacer Cable: Type IGS	326
Metal-Clad cable: Type MC	330
Mineral-Insulated , Metal-Sheathed Cable: Type MI	332
Nonmetallic-Sheathed Cable: Types NM and NMC	334
Instrumentation Tray Cable: Type ITC	335
Power and Control Tray Cable: Type TC	336
Type P cable	337
Service-Entrance Cable: Types SE and USE	338
Underground Feeder and Branch-Circuit Cable: Type UF	340
Intermediate metal conduit (IMC)	342
Rigid metal conduit (RMC)	344
Flexible Metal Conduit (FMC)	348
LIquidtight Flexible Metal Conduit (LFMC)	350
Rigid polyvinyl chloride conduit (PVC)	352
High density polyethylene conduit (HDPE)	353
Nonmetallic underground conduit with conductors (NUCC)	354
Reinforced thermosetting resin conduit (RTRC)	355
Liquidtight Flexible Nonmetallic Conduit (LFNC)	356
Electrical metallic tubing (EMT)	358
Flexible Metallic Tubing (FMT)	360
Electrical Nonmetallic Tubing (ENT)	362
Auxiliary gutters	366
Busway	368
Insulated bus pipe (IBP)	369
Cablebus	370
Flexible Bus Systems	371
Cellular Concrete Floor Raceways	372

Wiring Methods	Article
Cellular Metal Floor Raceways	374
Metal Wireways	376
Nonmetallic Wireways	378
Multioutlet Assemblies	380
Nonmetallic Extensions	382
Strut-Type Channel Raceway	384
Surface Metal Raceways	386
Surface Nonmetallic Raceways	388
Underfloor Raceways	390
Cable trays	392
Low-Voltage Suspended Ceiling Power Distribution Systems	393
Concealed Knob-and-Tube Wiring	394
Messenger-supported wiring	396
Open Wiring on Insulators	398

Statement of Problem and Substantiation for Public Input

Substantiation: Reference to “Chapter 3 Wiring Methods” appears 57 places in the 2026 Edition of the NEC. With the restructuring of the document, wiring methods are located in multiple Chapters, and these Chapters include wiring and equipment that may not be considered “wiring methods”. One important example of this mix of wiring methods and equipment is with Chapter 7 (“Wire and Cable”), as it includes both wires that are considered wiring methods, and wires that are considered equipment (e.g., Article 402 “Fixture Wires”).

To maintain a clear understanding of what has been considered “Wiring Methods” a new table is added to 110.8, which covers “Wiring Methods”. This table identifies all the “Chapter 3 Wiring Methods” from the 2026 Edition of the code (with Articles 300, 305, 310, and 315 missing, as these will be the general wiring requirements to be located in new Articles 200, 205, 300, and 305, respectively). Consideration should also be made to not including references to Article 312 and 314 as these do not appear to be "Wiring Methods", but the references are included here for completeness and the CMP should decide if they are appropriate. As proposed, it includes the Article numbers from the 2026 edition, but the expectation is that the table will be updated before publication of the First Draft to reflect the renumbered document.

This Public Input also includes an Informational Note to provide the context for how this table was relates to the previous edition of the code.

Submitter Information Verification

Submitter Full Name: Robert Osborne
Organization: UL Solutions
Street Address:
City:
State:
Zip:
Submittal Date: Wed Mar 25 08:13:31 EDT 2026
Committee: NEC-P01

Public Input No. 47-NFPA 70-2025 [Section No. 110.8]

110.8 Wiring Methods.

Only approved wiring ~~methods recognized as suitable are~~ methods are included in this code. The ~~recognized methods~~ approved methods of wiring shall be permitted to be installed in any type of building, occupancy, or premises wiring system, except as otherwise provided in this code.

Statement of Problem and Substantiation for Public Input

The word "suitable" is deleted to comply with 3.2.1 of the NEC Style Manual as it unenforceable and/or vague and replace with the defined term "approved."

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Tue Oct 07 16:29:38 EDT 2025
Committee: NEC-P01

Public Input No. 882-NFPA 70-2026 [Section No. 110.8]

110.8 Wiring Methods.

Only wiring methods recognized ~~as suitable are included~~ in this code ~~. The recognized methods of wiring~~ shall be permitted to be installed in any type of building, occupancy, or premises wiring system, except as otherwise provided in this code.

Statement of Problem and Substantiation for Public Input

This revision is intended to revise the requirement for clarity as well as removing "suitable" to comply with the NEC Style Manual 3.2.1 regarding the use of unenforceable terms.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: IEC
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Wed Feb 04 07:57:11 EST 2026
Committee: NEC-P01

Public Input No. 2370-NFPA 70-2026 [Section No. 110.10]

110.10 Available Fault Current, Short-Circuit Current Ratings, and Other Characteristics.

The overcurrent protective devices (OCPDs) , equipment short-circuit current ratings, and other characteristics of the circuit to be protected shall be selected and coordinated with the available fault current to permit the circuit protective devices used to clear a fault to do so without extensive damage to the electrical equipment of the circuit. Listed equipment applied in accordance with their listing shall ~~be considered to meet the requirements of~~ comply with this section.

Statement of Problem and Substantiation for Public Input

The acronym OCPDs was revised to add the full term prior to the acronym. The full term shall be used at the first instance of an acronym based on the Style Manual.
"Considered" is vague and unenforceable. The reference of "meet the requirements" was revised to comply with 4.1.3 of the NEC Style Manual.

Submitter Information Verification

Submitter Full Name: David Williams
Organization: Delta Charter Township
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 02 12:50:45 EDT 2026
Committee: NEC-P01

Public Input No. 811-NFPA 70-2026 [Section No. 110.10]

110.10 Available Fault Current, Short-Circuit Current Ratings, and Other Characteristics.

The OCPDs, equipment short-circuit current ratings, and other characteristics of the circuit to be protected shall be selected and coordinated with the available fault current to permit the circuit protective devices used to clear a fault to do so without extensive damage to the electrical equipment of the circuit. Listed equipment applied in accordance with their listing shall be considered to meet the requirements of this section.

Exception: The calculated available fault current at the equipment shall be permitted to be reduced using the let-through curves of current-limiting overcurrent protective devices upstream of the equipment, provided the equipment does not contain overcurrent protective devices with interrupting ratings less than calculated available fault current.

Statement of Problem and Substantiation for Public Input

It is not unusual to have installations where the installed equipment marked SCCR is less than the calculated available fault current. Installations where the equipment SCCR is inadequate for the available fault current, may result in serious electrical hazards such as electrical shock, fire, and shrapnel. However, where the installed equipment SCCR is less than the calculated available fault current, there is currently no option to use the current-limiting ability of an overcurrent protective device to reduce the available fault current to a value less than the equipment SCCR.

The use of current-limiting fuses has been an effective and industry accepted method of reducing the available fault current to protect certain types of equipment where the available fault current exceeds the equipment marked SCCR. There is only one NEC requirement where this method is permitted, and that is for the protection of passive circuit breakers in in existing panelboards and switchboards per NEC 240.86(A). The proposed text specifically states this method cannot be used with equipment that contains overcurrent protective devices with interrupting ratings less than the calculated fault current, which would prevent the use of this method per NEC 240.86(A) existing installations or 240.86(B) for tested combinations.

In multiple jurisdictions, AHJs, have permitted the use of this method to address this safety issue. The added exception provides an effective method to address the safety issue with installed equipment with inadequate equipment SCCR.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2392-NFPA 70-2026 [Definition: Current-Limiting [as applied to overcurrent pro...]	

Submitter Information Verification

Submitter Full Name: Daniel Neeser
Organization: Eatonâ€™s Bussmann Division
Street Address:
City:
State:
Zip:

Submittal Date: Wed Jan 28 13:40:25 EST 2026
Committee: NEC-P01

Public Input No. 2938-NFPA 70-2026 [Section No. 110.11]

110.11 Deteriorating Agents.

Unless identified for use in the operating environment, no conductors or equipment shall be located in damp or wet locations; where exposed to gases, fumes, vapors, liquids, or other agents that have a deteriorating effect on the conductors or equipment; or where exposed to excessive temperatures.

Informational Note No. 1: See 300.8 for protection against corrosion.

Informational Note No. 2: See NFPA 70B Standard for Electrical Equipment Maintenance Annex A.14.3.2 for more information on degradation of certain plastics and elastomers used on Bussways. Some cleaning and lubricating compounds can cause severe deterioration of many plastic materials used for insulating and structural applications in equipment.

Equipment not identified for outdoor use and equipment identified only for indoor use, such as “dry locations,” “indoor use only,” “damp locations,” or enclosure Types 1, 2, 5, 12, 12K, and/or 13, shall be protected against damage from the weather during construction.

Informational Note No. 3: See Table 110.28 for appropriate enclosure-type designations.

Informational Note No. 4: See *NFPA 5000*, *Building Construction and Safety Code*, the *International Building Code (IBC)*, and the *International Residential Code for One- and Two-Family Dwellings (IRC)*, for information for minimum flood provisions.

Statement of Problem and Substantiation for Public Input

Informational note No.2 formatting is revised to comply with the NEC Style Manual 2.1.10.3 to "see" an example to support and improve usability of the associated requirement.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: Independent Electrical Contractors
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 11:31:53 EDT 2026
Committee: NEC-P01

Public Input No. 3699-NFPA 70-2026 [Section No. 110.11]

110.11 Deteriorating Agents.

Unless identified for use in the operating environment, no conductors or other equipment shall be located in damp or wet locations; where exposed to gases, fumes, vapors, liquids, or other agents that have a deteriorating effect on the conductors or equipment; or where exposed to excessive temperatures.

Informational Note No. 1: See 300.8 for protection against corrosion.

Informational Note No. 2: Some cleaning and lubricating compounds can cause severe deterioration of many plastic materials used for insulating and structural applications in equipment.

Equipment not identified for outdoor use and equipment identified only for indoor use, such as “dry locations,” “indoor use only,” “damp locations,” or enclosure Types 1, 2, 5, 12, 12K, and/or 13, shall be protected against damage from the weather during construction.

Informational Note No. 3: See Table 110.28 for appropriate enclosure-type designations.

Informational Note No. 4: See *NFPA 5000*, *Building Construction and Safety Code*, the *International Building Code (IBC)*, and the *International Residential Code for One- and Two-Family Dwellings (IRC)*, for information for minimum flood provisions.

Statement of Problem and Substantiation for Public Input

This revision recognizes that "conductors" are equipment and that an expanded definition of equipment is necessary to better recognize what needs to be considered by this section addressing deteriorating agents - the subject matter of 110.11. See the Correlating Committee Task Group Public Input revising "equipment" to include, among other things, raceways and conductors.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1598-NFPA 70-2026 [Definition: Equipment.]	Related definition for correlation with this requirement.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 17:50:40 EDT 2026
Committee: NEC-P01

Public Input No. 1871-NFPA 70-2026 [New Section after 110.12]

TITLE OF NEW CONTENT

(C) Current Transformers.

Unused current transformers associated with potentially energized circuits shall be short-circuited.

Statement of Problem and Substantiation for Public Input

This recommendation relocates the requirement of 110.23 to a subdivision in 110.12 as this requirement is related to "mechanical execution of work."

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1869-NFPA 70-2026 [Section No. 110.23]	Relocated requirement
Public Input No. 1869-NFPA 70-2026 [Section No. 110.23]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman

Organization: Electrical Training Alliance

Street Address:

City:

State:

Zip:

Submittal Date: Tue Mar 24 15:59:11 EDT 2026

Committee: NEC-P01

Public Input No. 1533-NFPA 70-2026 [Section No. 110.12]

110.12 Mechanical Execution of Work.

Installation and removal of electrical equipment shall be performed only by qualified persons.

(A) Electrical equipment shall be installed in a professional and skillful manner.

Informational Note: See ANSI/NECA 1-2023, *Standard for Good Workmanship in Electrical Construction*, and other ANSI-approved installation standards for information on accepted industry practices.

(
~~A~~
B)
–
Unused Openings.

Unused openings, other than those intended for the operation of equipment, those intended for mounting purposes, or those permitted as part of the design for listed equipment, shall be closed to afford protection substantially equivalent to the wall of the equipment. Where metallic plugs or plates are used with nonmetallic enclosures, they shall be recessed at least 6 mm (**1** ⁄ **4** in.) from the outer surface of the enclosure.

(
~~B~~
C) Integrity of Electrical Equipment and Connections.

Internal parts of electrical equipment, including busbars, wiring terminals, insulators, and other surfaces, shall not be damaged or contaminated by foreign materials such as paint, plaster, cleaners, abrasives, or corrosive residues. There shall be no damaged parts that may adversely affect safe operation or mechanical strength of the equipment such as parts that are broken; bent; cut; or deteriorated by corrosion, chemical action, or overheating.

Statement of Problem and Substantiation for Public Input

A general requirement is recommended by a Correlating Committee Task Group co-chaired by David Hittinger and Palmer Hickman with additional Task Group members including Mark Christian, Dean Hunter, Ryan Jackson, David Kendall, Kyle Krueger, Todd Lottmann, Kenneth Mckinney, Robert Osborne, Christine Porter, Chris Rawson, Duke Schamel, and David Williams.

This is a consensus recommendation from the aforementioned Task Group members that meets the direction given to them which is to "…evaluate the use of "Qualified Person" requirements throughout the NEC. Currently the NEC contains over 100 qualified person related requirements and exceptions. The task group should determine if there is an opportunity to enhance usability by consolidating these repetitive occurrences into general requirements. The task shall submit appropriate recommendations as public inputs for the 2029 NEC."

This recommendation is to place this general requirement into Part I of Article 110 so that it is a general requirement in the 2029 NEC per the Correlating Committee Task Group charge. Section 110.12 was chosen as there is presently no available section in Part I of Article 110. To accommodate this placement, the existing requirement in 110.12 addressing that "[e]lectrical equipment shall be installed in a professional and skillful manner" (and the associated Informational Note referencing NECA 1) is relocated as a first level subdivision into 110.12(A). Additionally, existing 110.12(A), Unused Openings, is relocated as 110.12(B), existing 110.12(B), Integrity of Electrical Equipment and Connections, is relocated as 110.12(C).

Related Public Inputs that also received consensus support from this Correlating Committee Task Group include revisions to 90.2(A)(1) and the definitions of “equipment” and “qualified person” which are necessary to correlate these requirements and definitions.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1541-NFPA 70-2026 [Section No. 90.2(A)(1)]	
Public Input No. 1597-NFPA 70-2026 [Definition: Qualified Person.]	
Public Input No. 1598-NFPA 70-2026 [Definition: Equipment.]	
Public Input No. 1597-NFPA 70-2026 [Definition: Qualified Person.]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:
Submittal Date: Mon Mar 16 12:12:17 EDT 2026
Committee: NEC-P01

Public Input No. 2217-NFPA 70-2026 [Section No. 110.12]

110.~~12~~ 12 Workmanship, Use, and Application.

Use and application of this Code shall be by qualified persons trained and experienced in the requirements and information contained here in.

(A) Mechanical Execution of Work.

~~Electrical equipment shall be installed in a professional and skillful manner by qualified persons and in a manner consistent with recognized industry practices and applicable standards .~~

~~Informational Note: See ANSI/NECA 1-2023, *Standard for Good Workmanship in Electrical Construction,* and other ANSI-approved installation standards for information on accepted industry practices.~~

(~~A~~ B) Unused Openings.

Unused openings, other than those intended for the operation of equipment, those intended for mounting purposes, or those permitted as part of the design for listed equipment, shall be closed to afford protection substantially equivalent to the wall of the equipment. Where metallic plugs or plates are used with nonmetallic enclosures, they shall be recessed at least 6 mm (¼ in.) from the outer surface of the enclosure.

(~~B~~ C) Integrity of Electrical Equipment and Connections.

Internal parts of electrical equipment, including busbars, wiring terminals, insulators, and other surfaces, shall not be damaged or contaminated by foreign materials such as paint, plaster, cleaners, abrasives, or corrosive residues. There shall be no damaged parts that may adversely affect safe operation or mechanical strength of the equipment such as parts that are broken; bent; cut; or deteriorated by corrosion, chemical action, or overheating.

Statement of Problem and Substantiation for Public Input

Substantiation: The NEC should evolve to include a general requirement that all that use and apply it to installations, systems calculations, and so forth, be qualified to do so, with the training and experience required. There is a proposed revision to the definition of qualified person to assist with correlation. A review of the articles in the NEC seems to reveal that qualified persons with training and experience are necessary for proper application of the NEC requirements for the installations and systems covered by the NEC. The concepts of mechanical execution of work and neat and workmanlike date back to the 1897 edition of the code which was then titled “National Electrical Code rules and requirements of the National Board of Fire Underwriters.” In the general provisions of that edition of the Code, “mechanical execution of the work” was included. That legacy Code requirement has now evolved to address electrical workmanship by the revised requirements in Section 110.12 that now call for electrical work to be installed in a “professional and skillful manner” in contrast to the former “neat and workmanlike” manner. This section, as revised describes the characteristics of the worker or installer, rather than focusing the mechanical characteristics of the work or the installation itself. It appears the rule was revised to conform with NEC Style Manual relative to use of vague and unenforceable terms and to address a perceived gender issue with the word “workmanlike.” As revised it is more ambiguous, subjective and vague and less clarity is achieved. This is a work in progress, and it seems obvious to be in continued need of refinement. The words “workmanship” and “workmanlike” are not gender specific as indicated in popular dictionaries. Here is the definition: "the art or skill of a workman or workwoman." This term should be treated similarly to words like sportsmanship, craftsmanship, and so forth, which are not gender specific. This section is all about addressing "Workmanship" resulting from mechanical execution or performing the work in a manner consistent with industry practices and accepted industry standards related to good workmanship in electrical construction. The words should say that rather than leaving users in question about meeting this general requirement. There are ANSI-approved industry standards that directly address electrical workmanship and are often referred to in electrical training programs and referenced from construction specifications. These standards can be referenced by those that need support in making such determinations. Based on the definition of the term

"Workmanship" skills are implied and gender is not a problem or concern. The proposed revisions provide a more accurate requirement by definition and improve clarity and enforceability.

Note: Terra view first screen shows complete strike through of the existing section and the informational note. That is not what is intended by this Public Input for Subdivision (A). Refer to the preview screen to see the actual proposed revisions to this section.

Submitter Information Verification

Submitter Full Name: Michael Johnston
Organization: Roadrunner Technical Services LLC
Affiliation: None
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 31 13:01:39 EDT 2026
Committee: NEC-P01

Public Input No. 2634-NFPA 70-2026 [Section No. 110.12]

110.12 ~~Mechanical Execution of Work.~~ **~~12~~ Workmanship, Use and Application** ~~.~~

Use and application of this Code shall be by qualified persons trained and experienced in the applicable requirements and information contained herein.

(A) Electrical equipment shall be installed by qualified persons in a ~~professional and skillful manner~~ manner that is practical and consistent with recognized industry practices and applicable standards .

Informational Note: See ANSI/NECA 1-2023, *Standard for Good Workmanship in Electrical Construction,* and other ANSI-approved installation standards for information on accepted industry practices.

(~~A~~ B) Unused Openings.

Unused openings, other than those intended for the operation of equipment, those intended for mounting purposes, or those permitted as part of the design for listed equipment, shall be closed to afford protection substantially equivalent to the wall of the equipment. Where metallic plugs or plates are used with nonmetallic enclosures, they shall be recessed at least 6 mm (¼ in.) from the outer surface of the enclosure.

(~~B~~ C) Integrity of Electrical Equipment and Connections.

Internal parts of electrical equipment, including busbars, wiring terminals, insulators, and other surfaces, shall not be damaged or contaminated by foreign materials such as paint, plaster, cleaners, abrasives, or corrosive residues. There shall be no damaged parts that may adversely affect safe operation or mechanical strength of the equipment such as parts that are broken; bent; cut; or deteriorated by corrosion, chemical action, or overheating.

Statement of Problem and Substantiation for Public Input

Substantiation: The NEC should evolve to include a general requirement that all that use and apply it to installations, systems calculations, and so forth, be qualified to do so, with the training and experience required. There is a proposed revision to the definition of qualified person to assist with correlation. A review of the articles in the NEC seems to reveal that qualified persons with training and experience are necessary for proper application of the NEC requirements for the installations and systems covered by the NEC. The concepts of mechanical execution of work and neat and workmanlike date back to the 1897 edition of the code which was then titled “National Electrical Code rules and requirements of the National Board of Fire Underwriters.” In the general provisions of that edition of the Code, “mechanical execution of the work” was included. That legacy Code requirement has now evolved to address electrical workmanship by the revised requirements in Section 110.12 that now call for electrical work to be installed in a “professional and skillful manner” in contrast to the former “neat and workmanlike” manner. This section, as revised describes the characteristics of the worker or installer, rather than focusing the mechanical characteristics of the work or the installation itself. It appears the rule was revised to conform with NEC Style Manual relative to use of vague and unenforceable terms and to address a perceived gender issue with the word “workmanlike.” As revised it is more ambiguous, subjective and vague and less clarity is achieved. This is a work in progress, and it seems obvious to be in continued need of refinement. The words “workmanship” and “workmanlike” are not gender specific as indicated in popular dictionaries. Here is the definition: "the art or skill of a workman or workwoman." This term should be treated similarly to words like sportsmanship, craftsmanship, and so forth, which are not gender specific. This section is all about addressing "Workmanship" resulting from mechanical execution or performing the work in a manner consistent with industry practices and accepted industry standards related to good workmanship in electrical construction. The words should say that rather than leaving users in question about meeting this general requirement. There are ANSI-approved industry standards that directly address electrical workmanship and are often referred to in electrical training programs and referenced from construction specifications. These standards can be referenced by those that need support in making such determinations. Based on the definition of the term "Workmanship" skills are implied and gender is not a problem or concern. The proposed revisions provide a more accurate requirement by definition and improve clarity and enforceability.

Note: Terra view first screen shows complete strike through of the existing section and the informational note. That is not what is intended by this Public Input for Subdivision (A). Refer to the preview screen to see the actual proposed revisions to this section. The proposed revised title of the section is: 110.12 Workmanship, Use and Application. Terra View seems to have a mind of its own.

Submitter Information Verification

Submitter Full Name: Michael Johnston

Organization: Roadrunner Technical Services LLC

Affiliation: None

Street Address:

City:

State:

Zip:

Submittal Date: Sat Apr 04 07:35:32 EDT 2026

Committee: NEC-P01

Public Input No. 1615-NFPA 70-2026 [Section No. 110.12 [Excluding any Sub-Sections]]

Electrical equipment shall be installed in a professional and skillful manner.

Informational Note No. 1 : See ANSI/NECA 1-2023, *Standard for Good Workmanship in Electrical Construction,* and other ANSI-approved installation standards for information on accepted industry practices.

Informational Note No. 2: See ANSI/BICSI N1-2026, *Installation Practices for Telecommunications and ICT Cabling and Related Cabling Infrastructure.*

Statement of Problem and Substantiation for Public Input

Add an additional informational note to represent BICSI's new N1 revision for Limited Energy circuits as they have unique requirements.

Submitter Information Verification

Submitter Full Name: Allen Dean
Organization: BICSI
Affiliation: BICSI
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 17 15:35:10 EDT 2026
Committee: NEC-P01

Public Input No. 2117-NFPA 70-2026 [Section No. 110.12 [Excluding any Sub-Sections]]

Electrical equipment shall be installed in ~~a professional and skillful manner.~~

~~Informational Note: See ANSI/NECA 1-2023, *Standard for Good Workmanship in Electrical Construction,* and other ANSI-approved installation standards for information on accepted industry practices~~

accordance with approved industry standards .

Statement of Problem and Substantiation for Public Input

As it currently stands, there is almost no teeth behind this from an enforcement standpoint. By modifying the language, we now give the AHJ the necessary ability to enforce workmanship standards, by allowing them to decide what the standards are. If the jurisdiction adopts some set of written standards, they can use that. If they decide to use the ANSI/NECA standards, they can do that as well. It is giving the choice to the individual jurisdictions.

Submitter Information Verification

Submitter Full Name: Jesse Duvuvei
Organization: North Strabane Township
Street Address:
City:
State:
Zip:

Submittal Date: Mon Mar 30 10:42:37 EDT 2026
Committee: NEC-P01

Public Input No. 3581-NFPA 70-2026 [Section No. 110.12 [Excluding any Sub-Sections]]

Electrical equipment shall be installed in a professional and skillful manner.

Informational Note: See ANSI/NECA 1-2023, *Standard for Good Workmanship in Electrical Construction,* ANSI/BICSI N1-2027, Installation Practices for Telecommunications and ICT Cabling and Related Cabling Infrastructure. and other ANSI-approved installation standards for information on accepted industry practices.

Statement of Problem and Substantiation for Public Input

There are important installation best practices for "Communications Cable" included in ANSI/BICSI N1, Installation Practices for Telecommunications and ICT Cabling and Related Cabling Infrastructure that installers using the code should be made aware of.

Submitter Information Verification

Submitter Full Name: F Patrick Mahoney
Organization: AECOM
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 13:14:51 EDT 2026
Committee: NEC-P01

Public Input No. 48-NFPA 70-2025 [Section No. 110.13(A)]

(A) Mounting.

Electrical equipment shall be ~~firmly~~ secured to the surface on which it is mounted. Wooden plugs driven into holes in masonry, concrete, plaster, or similar materials shall not be used.

Statement of Problem and Substantiation for Public Input

The word "firmly" is deleted to comply with 3.2.1 of the NEC Style Manual as the term is vague and/or unenforceable.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Tue Oct 07 16:46:28 EDT 2025
Committee: NEC-P01

Public Input No. 49-NFPA 70-2025 [Section No. 110.13(A)]

(A) Mounting.

Electrical equipment shall ~~be firmly secured~~ be secured in an approved manner to the surface on which it is mounted. Wooden plugs driven into holes in masonry, concrete, plaster, or similar materials shall not be used.

Statement of Problem and Substantiation for Public Input

The word "firmly" is removed as it does not comply with 3.2.1 of the NEC Style Manual and replaced with the defined term "approved."

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Tue Oct 07 16:48:50 EDT 2025
Committee: NEC-P01

Public Input No. 2745-NFPA 70-2026 [Section No. 110.13(B)]

(B) Cooling.

(1) Circulation of Air and Convection Principles

Electrical equipment that depends on the natural or forced circulation of air and convection principles for cooling of exposed surfaces shall be installed so that room and forced airflow over such surfaces is not prevented by walls or by adjacent installed equipment. For equipment designed for floor mounting, clearance between top surfaces and adjacent surfaces shall be provided to dissipate rising ~~warm~~ or exhausted warm air.

Electrical equipment provided with ventilating ~~openings~~ , forced air intake or forced air exhaust openings shall be installed so that walls or other obstructions do not prevent the free or forced circulation of air through the equipment.

(2) Liquid and Fluid Principles

Electrical equipment, electrical equipment systems, and wiring methods using liquid or other fluid mediums for cooling shall be listed for use with the liquid or other cooling medium used. Electrical equipment, electrical equipment systems, and wiring methods using liquid or other fluid mediums for cooling which are supplied externally from the electrical equipment, electrical equipment system, or wiring method shall be connected to cooling systems as specified in their listing.

Statement of Problem and Substantiation for Public Input

The existing requirements in 110.13 only address the natural circulation of air and convection. The same considerations for free air flow would apply to forced air designs which depend upon the ability to freely move air without obstructions or being otherwise impeded.

With the increasing power consumption for applications such as datacenter and electric vehicle charging, there is an increasing use of alternative cooling methods beyond air and convection principles.

Cooling methods depending on liquid or other fluids will require specific equipment or system listings to address the unique considerations associated with these cooling methods, such as the compatibility of the fluid with system components, heat transfer properties of the fluid or refrigerant, thermal monitoring, pressurization of the coolant system, fluid leakage within electrical equipment, condensation considerations, etc.

Submitter Information Verification

Submitter Full Name: Bryan Tatum
Organization: Underwraters Laboratories
Street Address:
City:
State:
Zip:

Submittal Date: Mon Apr 06 09:10:30 EDT 2026
Committee: NEC-P01

Public Input No. 430-NFPA 70-2025 [Section No. 110.13(B)]

(B) Cooling.

(1) Natural Circulation of Air. Electrical equipment that depends on the natural circulation of air and convection principles for cooling of exposed surfaces shall be installed so that room airflow over such surfaces is not prevented by walls or by adjacent installed equipment.

(2) Floor Mounted Equipment. For equipment designed for floor mounting, clearance between top surfaces and adjacent surfaces shall be provided to dissipate rising warm air.

(3) Ventilating Openings. Electrical equipment provided with ventilating openings shall be installed so that walls or other obstructions do not prevent the free circulation of air through the equipment.

Statement of Problem and Substantiation for Public Input

This rule addresses three different issues related to cooling equipment. A list format is always easier for the Code user. In accordance with NEC Style Manual 3.5.1.2 Multiple requirements within a single subdivision shall be avoided. Additional subdivisions or lists shall be used to express independent requirements.

Submitter Information Verification

Submitter Full Name: Mike Holt
Organization: Mike Holt Enterprises Inc
Street Address:
City:
State:
Zip:

Submittal Date: Tue Dec 30 14:34:41 EST 2025
Committee: NEC-P01

Public Input No. 2042-NFPA 70-2026 [New Section after 110.14(A)]

TITLE OF NEW CONTENT

Type your content here ...If the branch circuit wiring for any smaller ampacities of #10, #14, #12, #10 awg is Aluminum or Copper Clad Aluminum this shall followed by other articles of 406 and 404. Mixture of dis-similar metals between conductors and or terminals shall be followed to avoid reaction and melting.

If re-devicing a dwelling unit, then 210.8 shall be followed in the home, and 210.12 shall be followed on all plugs. Where the ligths and switches are not able based on the power in the lighting from later ages of wiring than DF plugs are allowed assuming article 314.16(B)4 is followed under box fill.

Statement of Problem and Substantiation for Public Input

We retro fit some old homes with aluminum and there are not articles that link to 110.14. (c)

Submitter Information Verification

Submitter Full Name: Joshua Peterson
Organization: PETERSON ELECTRIC LLC
Street Address:
City:
State:
Zip:

Submittal Date: Sat Mar 28 17:00:15 EDT 2026
Committee: NEC-P01

Public Input No. 50-NFPA 70-2025 [Section No. 110.14(A)]

(A) Terminals.

Connection of conductors to terminal parts shall ensure ~~a mechanically secure electrical~~ an electrical connection without damaging the conductors and shall be made by means of pressure connectors (including set-screw type), solder lugs, or splices to flexible leads. Connection by means of wire-binding screws or studs and nuts that have upturned lugs or the equivalent shall be permitted for 10 AWG or smaller conductors.

Terminals for more than one conductor and terminals used to connect aluminum shall be so identified.

Statement of Problem and Substantiation for Public Input

The word "secure" is deleted to comply with 3.2.1 of the NEC Style Manual.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Tue Oct 07 16:53:26 EDT 2025
Committee: NEC-P01

Public Input No. 911-NFPA 70-2026 [Section No. 110.14(A)]

(A) Terminals.

Connection of conductors to terminal parts shall ensure a mechanically secure electrical connection without damaging the conductors and shall be made by means of pressure connectors ~~(including~~ , set-screw type ~~)~~ connectors , solder lugs, or splices to flexible leads. Connection by means of wire-binding screws or studs and nuts that have upturned lugs or the equivalent shall be permitted for 10 AWG or smaller conductors.

Terminals for more than one conductor and terminals used to connect aluminum shall be so identified.

Statement of Problem and Substantiation for Public Input

This revision removes the parenthesis to comply with the NEC Style Manual 3.5.1.1 and clarifies the requirement to include set-screw type connectors.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: IEC
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Fri Feb 06 10:37:09 EST 2026
Committee: NEC-P01

Public Input No. 1310-NFPA 70-2026 [Section No. 110.14(C)]

(C) Temperature Limitations.

~~The temperature rating associated with the ampacity of a~~ A conductor shall be selected and coordinated ~~so as not to exceed the~~ such that the maximum current permitted for the circuit is determined by the lowest temperature rating of any connected termination, conductor, or device. Conductors with temperature ratings higher than specified for terminations shall be permitted to be used for ampacity adjustment, correction, or both.

(1) Equipment Provisions.

The determination of termination provisions of equipment shall be based on 110.14(C)(1)(a) or 110.14(C)(1)(b) . Unless the equipment is listed and marked otherwise,

~~conductor ampacities used in determining equipment~~
the maximum current rating of the equipment termination provisions shall be based on Table 310.16 as appropriately modified by 310.12 .

~~Termination provisions of~~
(a) The maximum current permitted for a termination in equipment for circuits rated 100 amperes or less, or marked for 14 AWG through 1 AWG

~~conductors~~
con ductors , shall be

~~used only for~~
determined by Table 310.16 based on one of the following:

~~Conductors rated~~

(1) The ampere value from the 60°C (140°F)
~~.~~

(2) ~~Conductors with higher temperature ratings, provided the ampacity of such conductors is determined based on the 60°C (140°F) ampacity of the conductor size used.~~
~~Conductors with higher temperature ratings if the equipment is listed and identified for use with such conductors~~

(3) column of Table 310.16 for the corresponding conductor size as long as the temperature rating of the conductor insulation is equal to or grater than the temperature rating of the equipment.

(4) The ampere value from the temperature column of Table 310.16 that corresponds to the listed temperature rating of the equipment as long as the temperature rating of the conductor insulation is equal to or greater than the temperature rating of the equipment .

(5) For motors marked with design letters B, C, or D, conductors having an insulation rating of 75°C (167°F) or higher shall be permitted to be used,
~~provided the ampacity of such conductors~~

(6) provided the maximum current permitted for the termination does not exceed the ampere value from the 75°C (167°F)
~~ampacity.Termination provisions of~~

(7) column of Table 310.16.

(b) The maximum current permitted for a termination in equipment for circuits rated over 100 amperes, or marked for conductors larger than 1 AWG , shall be

~~used only for~~
determined by Table 310.16 based on one of the following :

~~Conductors rated 75°C~~

(1) The ampere value from the 75°C (167°F) column of Table 310.16 for the corresponding conductor size as long as the temperature rating of the conductor insulation is equal to or greater than the temperature rating of the equipment.

(2) Conductors with higher insulation temperature ratings, provided the
~~ampacity of such conductors~~

(3) maximum current permitted for the termination does not exceed the 75°C (167°F)
~~ampacity of~~

(4) column of Table 310.16 for the conductor size used, or up to their ampacity if the equipment is listed and identified for use with such conductors

(2) Separate Connector Provisions.

~~Separately~~ The maximum current permitted for separately installed pressure connectors shall be ~~used with conductors at the ampacities not exceeding the ampacity at the listed and identified~~ not greater than the ampere value from the temperature column of Table 310.16 that corresponds to the listed temperature rating of the separately installed pressure connector.

Informational Note: Equipment markings or listing information may additionally restrict the sizing and temperature ratings of connected conductors.

Statement of Problem and Substantiation for Public Input

The proposed revisions to 110.14(C) are intended to improve technical accuracy and better align the NEC text with how equipment is evaluated by the applicable product standards and used in practice.

The defined term ampacity applies to a conductor. The NEC defines ampacity as the maximum current a conductor can carry continuously under the conditions of use without exceeding its temperature rating. Section 110.14(C) is not a rule that changes the ampacity of the conductor. Rather, 110.14(C) is a coordination rule that establishes how the temperature ratings of connected terminations, conductors, and devices are applied so that the maximum current permitted through the connection and associated equipment does not exceed the lowest applicable temperature limitation in the circuit. Use of the word “ampacity” in this section has caused confusion by suggesting that 110.14(C) is redefining the conductor’s ampacity, when in reality it is governing the relationship between the equipment termination rating and the conductor selected for that termination. Removing the term “ampacity” from this section clarifies that distinction and better reflects the actual function of 110.14(C) which is to establish a maximum current permitted based on the rating of the termination and conductor size terminated.

The parent text of 110.14(C) is revised to state that a conductor shall be selected and coordinated such that the maximum current permitted for the circuit is determined by the lowest temperature rating of any connected termination, conductor, or device. That wording more accurately describes what the rule is doing. It preserves the existing coordination concept but avoids implying that the section is recalculating or limiting conductor ampacity as a defined term. The second sentence is retained to make clear that higher temperature-rated conductors can still be used for adjustment and correction purposes, provided the applicable termination limitations are respected.

The revisions to 110.14(C)(1) make the same improvement. The existing phrase “conductor ampacities used in determining equipment termination provisions” is imprecise because equipment termination provisions are not determined by changing conductor ampacity; they are determined by the maximum current permitted at the equipment termination based on the termination temperature rating and the size and material of the conductor connected. The proposed text therefore shifts the focus to the maximum current permitted for the equipment termination provisions, using Table 310.16 unless modified by 310.12. This reflects actual equipment application far more clearly.

It is the opinion of the submitter that we should NOT use Table 310.16 for two separate purposes. In the opinion of the submitter, it would be advisable for the committee to create a new table 110.14(C) that reflects the values of Table 310.16 without the conductor insulation information. This would ultimately ensure each table, 110.14(C) and 310.16, is used for a single function removing confusion and adding clarity. The submitter did not make this suggested change but leaves the possibility open for the section draft change.

This approach aligns with how listed equipment is evaluated and marked. An example of a 75°C termination on a 110A circuit breaker illustrates the point. Table 310.16 shows that a 2 AWG copper conductor has a value of 115A in the 75°C column. In this application, the table is being used to establish the conductor size that corresponds to the current permitted through the 75°C termination. The fact that the conductor may have insulation with a higher temperature rating does not change the limitation imposed by the equipment termination. The value of amperes in Table 310.16 for the 2 AWG copper conductor in this example which is 115A cannot be exceed and so is paired with a 110A circuit breaker. If the next larger OCPD, a 125A circuit breaker is used, this would placing a smaller conductor on the 125A circuit breaker causing a condition with not enough conductor mass for the overall tests in UL 489 related to temperature rise. The conductor’s own defined ampacity and the maximum current permitted through a given equipment termination are related concepts, but they are not the same concept. per UL 489 Table 6.1 titled "Terminal Current and Conductor Size", a 125A circuit breaker minimum conductor size for a branch circuit, feeder or similar application, is a 1 AWG conductor and not a 2 AWG conductor. Applying a 2 AWG conductor per Article 210 or 215 on a 125A circuit breaker would be a misapplication of the circuit breaker /

conductor size configuration. Motor applications are a separate discussion from Article 210 and 215.

The proposed revisions to 110.14(C)(1)(a) and similarly to 110.14(C)(1)(b) improve this clarity by directly stating that the maximum current permitted for a termination is determined from Table 310.16 based on the applicable temperature column and the corresponding conductor size. This is clearer than repeatedly referring to conductor ampacity in a context where the actual issue is the current limit associated with the equipment termination. Again, for additional clarity, it could also be proposed to create a table in 110.14(C) and not use Table 310.16 for two different purposes.

110.14(C)(2) is also modified for clarity and accuracy. In 110.14(C)(2) the NEC is establishing the maximum current permitted for a separately installed pressure connector. That maximum current is determined by the temperature rating of the pressure connector and the size of the conductor landed on that termination leveraging table 310.16. The parent text of 110.14(C) requires that the lowest value determined is the limiting factor so even if the maximum current as determined in 110.14(C)(2) is greater than that determined in 110.14(C)(1), the lowest value would determine the maximum current permitted for that equipment.

This proposal preserves the separate role of conductor insulation temperature rating. The insulation temperature rating of the conductor is still important, but not because it independently establishes a different current limit for the termination. Rather, the conductor used must have an insulation temperature rating not less than the temperature rating of the equipment in which it is terminated. Stating that requirement directly removes another frequent point of misunderstanding. A conductor with insulation rated below the equipment temperature rating is not appropriate for that termination, even if the conductor's size would otherwise appear sufficient.
Overall, the proposed changes are editorially and technically justified because they:
1. remove misuse of the defined term ampacity in a context focused on equipment termination limitations;
2. clarify that 110.14(C) establishes the maximum current permitted through the termination/circuit relationship, not the intrinsic ampacity of the conductor;
3. better align NEC wording with listed equipment application and product standards; and
4. reduce misapplication in conductor and OCPD selection by separating conductor ampacity concepts from equipment termination temperature-limit concepts.

Submitter Information Verification

Submitter Full Name: Thomas Domitrovich
Organization: Eaton Corporation
Street Address:
City:
State:
Zip:

Submittal Date: Fri Mar 06 15:43:49 EST 2026
Committee: NEC-P01

Public Input No. 2681-NFPA 70-2026 [Section No. 110.14(C)]

(C) Temperature Limitations.

The temperature rating associated with ~~the ampacity of a~~ equipment and the size of a conductor shall be selected and coordinated so as not to exceed the lowest temperature rating of any connected termination, conductor, or device. Conductors with temperature ratings higher than specified for terminations shall be permitted to be used for ampacity adjustment, correction, or both.

(1) Equipment Provisions.

The determination of termination provisions of equipment shall be based on 110.14(C)(1)(a) or 110.14(C)(1)(b) . Unless the equipment is listed and marked otherwise, conductor

~~ampacities~~
ampere values used in determining equipment termination provisions shall be based on Table

~~310.16 as appropriately modified by~~
110.14(C).

Exception: Section 110.14(C) is not required when conductors are selected as per the requirements of 310.12 .

(a) Termination provisions of equipment for circuits rated 100 amperes or less, or marked for 14 AWG through 1 AWG conductors, shall be used only for one of the following:

(2) Conductors rated 60°C (140°F).

(3) Conductors with higher temperature ratings, provided the maximum current through the

~~ampacity~~

(1) termination of such conductors is determined based on the 60°C (140°F)

~~ampacity of~~

(1) column of Table 110.14(C) for the conductor size used.

(2) Conductors with higher temperature ratings if the equipment is listed and identified for use with such conductors and the maximum current through the termination of such conductors is determined based on the temperature column of Table 110 . 14(C) that corresponds to the temperature rating of the conductor and the size of the conductor terminated..

(3) For motors marked with design letters B, C, or D, conductors having an insulation rating of 75°C (167°F) or higher shall be permitted to be used, provided the

~~ampacity of~~

(1) maximum current through the termination of such conductors does not exceed the 75°C (167°F)

~~ampacity.~~

(1) column of Table 110.14(C) for the conductor size.

(d) Termination provisions of equipment for circuits rated over 100 amperes, or marked for conductors larger than 1 AWG, shall be used only for one of the following:

(5) Conductors rated 75°C (167°F)

(6) Conductors with higher temperature ratings, provided the

~~ampacity~~

(1) maximum current through the termination of such conductors

~~does not exceed~~

(1) is determined based on the 75°C (167°F)

~~ampacity of the~~

(1) column of Table 110.14(C) for the conductor size used, or up to their ampacity if the equipment is listed and identified for use with such conductors

(2) Separate Connector Provisions.

Separately installed pressure connectors shall be used with conductors at the ampacities not exceeding the ampacity at the listed and identified temperature rating of the connector.

Informational Note: Equipment markings or listing information may additionally restrict the sizing and temperature ratings of connected conductors.

Table 110.14(C) Maximum Terminal Current per Conductor Size

Size AWG or kcmil	Copper conductor			Aluminum or copper-clad aluminum conductor		
	60°C (140°F)	75°C (167°F)	90°C (194°F)	60°C (140°F)	75°C (167°F)	90°C (194°F)
16	10	15	20	—	—	—
14	15	20	25	10	15	20
12	20	25	30	15	20	25
10	30	35	40	25	30	35
8	40	50	55	35	40	45
6	55	65	75	40	50	55
4	70	85	95	55	65	75
3	85	100	115	65	75	85
2	95	115	130	75	90	100
1	110	130	145	85	100	115
1/0	125	150	170	100	120	135
2/0	145	175	195	115	135	150
3/0	165	200	225	130	155	175
4/0	195	230	260	150	180	205
250	215	255	290	170	205	230
300	240	285	320	195	230	260
350	260	310	350	210	250	280
400	280	335	380	225	270	305
500	320	380	430	260	310	350
600	350	420	475	285	340	385
700	385	460	520	315	375	425
750	400	475	535	320	385	435
800	410	490	555	330	395	445
900	435	520	585	355	425	480
1000	455	545	615	375	445	500
1250	495	590	665	405	485	545
1500	525	625	705	435	520	585
1750	545	650	735	455	545	615
2000	555	665	750	470	560	630

Statement of Problem and Substantiation for Public Input

This public input modifies 110.14(C) to remove the term "Ampacity" from this section as it does not change the ampacity of the conductor. The introduction of a table 1110.14(C) removes the need to use Table 310.16 for two separate functions. Currently, Table 310.16 is used for the ampacity of a conductor as that table is based on an existing condition of use. The values in that table are an ampaicty for each size conductor listed. Section 110.14(C) uses that same table but not as ampacity values but rather as the maximum current that can be carried by the termination based not he size and material of the conductor. Section 110.14(C) does not care about the insulation rating other than to ensure that the insulation rating is greater than or equal to the temperature rating of the equipment. The changes made as part of this public input are a bare minimum necessary to ensure 110.14(C) achieves its goal of aligning the conductor and the equipment to ensure heat rise problems do not occur because of the wrong size conductor landed in the equipment.

The section 310.12 allowance is written as an exception because it does not modify Table 310.16 and nor would it modify new Table 110.14(C). This exception is necessary because Section 310.12 permits one size smaller of a conductor an an OCPD than that which would be required per 110.14(C). the provisions of 310.12 take into consideration the likely reduced current for these applications due to diversity of loads.

Submitter Information Verification

Submitter Full Name: Thomas Domitrovich
Organization: Eaton Corporation
Street Address:
City:
State:
Zip:

Submittal Date: Sun Apr 05 06:29:30 EDT 2026
Committee: NEC-P01

Public Input No. 1261-NFPA 70-2026 [Section No. 110.14(C)(1)]

(1) Equipment Provisions.

The ~~determination~~ use of termination provisions of equipment shall be based on 110.14(C)(1)(a) or 110.14(C)(1)(b). Unless the equipment is listed and marked otherwise, conductor ampacities used ~~in determining~~ with equipment termination provisions shall be based on Table 310.16 as appropriately modified by 310.12.

(a) Termination provisions of equipment for circuits rated 100 amperes or less, or marked for 14 AWG through 1 AWG conductors, shall be used only for one of the following:

(2) Conductors rated 60°C (140°F).

(3) Conductors with higher temperature ratings, provided the ampacity of such conductors is determined based on the 60°C (140°F) ampacity of the conductor size used.

(4) Conductors with higher temperature ratings if the equipment is listed and identified for use with such conductors.

(5) For motors marked with design letters B, C, or D, conductors having an insulation rating of 75°C (167°F) or higher shall be permitted to be used, provided the ampacity of such conductors does not exceed the 75°C (167°F) ampacity.

(f) Termination provisions of equipment for circuits rated over 100 amperes, or marked for conductors larger than 1 AWG, shall be used only for one of the following:

(7) Conductors rated 75°C (167°F)

(8) Conductors with higher temperature ratings, provided the ampacity of such conductors does not exceed the 75°C (167°F) ampacity of the conductor size used, or up to their ampacity if the equipment is listed and identified for use with such conductors

Statement of Problem and Substantiation for Public Input

In the UL guide info for AALZ that 110.14(C) partially incorporates into the NEC, and in the rest of 110.14(C), the term "termination provisions" is used to mean terminals or other provisions for the connection of field installed conductors.

However, the use of the words "determination" and "determining" with that meaning could lead to the conclusion that 110.14(C)(1) first paragraph is talking about how to select such terminals when constructing such equipment, rather than about how the terminals of equipment are to be used with conductors, and the resulting limitations imposed on those conductors. Avoiding the words "determination" and "determining" increases clarity by avoiding this possible misinterpretation.

Submitter Information Verification

Submitter Full Name: Wayne Whitney

Organization: Whitney

Street Address:

City:

State:

Zip:

Submittal Date: Wed Mar 04 18:57:17 EST 2026
Committee: NEC-P01

Public Input No. 1262-NFPA 70-2026 [Section No. 110.14(C)(1)]

(1) Equipment Provisions.

The determination of termination provisions of equipment shall be based on 110.14(C)(1)(a) or 110.14(C)(1)(b). Unless the equipment is listed and marked otherwise, conductor ampacities used in determining equipment termination provisions shall be ~~based on~~ the values from Table 310.16 ~~as appropriately modified by~~ , or Table 310.12 where applicable, without the application of any adjustment or correction factors .

(a) Termination provisions of equipment for circuits rated 100 amperes or less, or marked for 14 AWG through 1 AWG conductors, shall be used only for one of the following:

(2) Conductors rated 60°C (140°F).

(3) Conductors with higher temperature ratings, provided the ampacity of such conductors is determined based on the 60°C (140°F) ampacity of the conductor size used.

(4) Conductors with higher temperature ratings if the equipment is listed and identified for use with such conductors.

(5) For motors marked with design letters B, C, or D, conductors having an insulation rating of 75°C (167°F) or higher shall be permitted to be used, provided the ampacity of such conductors does not exceed the 75°C (167°F) ampacity.

(f) Termination provisions of equipment for circuits rated over 100 amperes, or marked for conductors larger than 1 AWG, shall be used only for one of the following:

(7) Conductors rated 75°C (167°F)

(8) Conductors with higher temperature ratings, provided the ampacity of such conductors does not exceed the 75°C (167°F) ampacity of the conductor size used, or up to their ampacity if the equipment is listed and identified for use with such conductors

Statement of Problem and Substantiation for Public Input

The phrase "based on Table 310.16" suggests that all of Table 310.16 applies, including the footnotes calling for ampacity adjustment and correction. It also suggests that the table value may not be the final answer for the ampacity of termination provisions, and that further modification may be necessary, such as applying ampacity adjustment and correction factors.

However, neither of these is true. UL listing standards for equipment incorporate the numbers from Table 310.16 for sizing conductors for equipment testing, without any adjustment or correction factors. And any deviation from that rule is covered by the initial phrase in this sentence of 110.14(C).

Changing the text of 110.14(C) to directly reference the values of Table 310.16 without correction or adjustment will thus increase clarity.

Submitter Information Verification

Submitter Full Name: Wayne Whitney
Organization: Whitney
Street Address:
City:

State:
Zip:
Submittal Date: Wed Mar 04 19:14:08 EST 2026
Committee: NEC-P01

Public Input No. 2958-NFPA 70-2026 [Section No. 110.14(C)(2)]

(2) Separate Connector Provisions.

Separately installed pressure connectors shall be used with conductors at the ampacities not exceeding the ampacity at the listed and identified temperature rating of the connector.

Informational Note: See Table 310.4(1) for the temperature rating of a conductor that is the maximum temperature. Equipment markings or listing information may additionally restrict the sizing and temperature ratings of connected conductors.

Statement of Problem and Substantiation for Public Input

The revised formatting of the Informational Note provides explanatory information to support and improve usability of the associated requirement to comply with the NEC Style Manual 2.1.10.3.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: Independent Electrical Contractors
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 12:59:20 EDT 2026
Committee: NEC-P01

Public Input No. 3017-NFPA 70-2026 [New Section after 110.14(D)]

TITLE OF NEW CONTENT

110.14(E) Crimp Tools. When using a crimp tool that is not specified by the manufacturer of the wire connector, it shall be:

(1) listed, and

(2) Rated for use with the wire connector and conductor.

Upon request, the installer shall provide the AHJ with specifications validating the combination of tool, connector, ratings and applications

Statement of Problem and Substantiation for Public Input

Combination of crimp tools and connectors are critical of ensuring a safe installation. Not all crimp tools are designed and tested by the manufacturer of the connector. Crimp tools manufactured by non-OEM makers of the tools may have evaluated their tools for use with specific connectors, but not all the ratings and applications. Requiring these tools to be listed and rated for this use, as well as requiring the installer to provide the AHJ with those details, ensure proper coordination of tool and connector

Submitter Information Verification

Submitter Full Name: Todd Hamden
Organization: Hubbell Inc.
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 15:22:51 EDT 2026
Committee: NEC-P01

Public Input No. 2963-NFPA 70-2026 [Section No. 110.14(D)]

(D) Terminal Connection Torque.

Tightening torque values for terminal connections shall be as indicated on equipment or in installation instructions provided by the manufacturer. An approved means shall be used to achieve the indicated torque value.

Informational Note No.

~~1: Examples of approved means of achieving the indicated torque values include torque tools or devices such as shear bolts or breakaway-style devices with visual indicators that demonstrate that the proper torque has been applied.~~ ~~Informational Note No. 2:~~

1: See UL Standard 486A-486B, *Standard for Safety-Wire Connectors* , Informative Annex I for torque values in the absence of manufacturer's recommendations.The equipment manufacturer can be contacted if numeric torque values are not indicated on the equipment or if the installation instructions are not available.

Informational Note No.

~~3~~

2 : See NFPA 70B, *Standard for Electrical Equipment Maintenance* , Section 7.2 for torquing threaded connections and terminations.

Statement of Problem and Substantiation for Public Input

The formatting of informational notes shall be structured to "see" a "referenced standard", "section number", and "explanation of the reference". The Informational Note No. 1 does not comply with the NEC Style Manual format 2.1.10.3 so this note can be deleted or relocated to Annex A if the panel wants to maintain the information. The remaining notes are renumbered accordingly.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: Independent Electrical Contractors
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 13:23:29 EDT 2026
Committee: NEC-P01

Public Input No. 1200-NFPA 70-2026 [Section No. 110.14 [Excluding any Sub-Sections]]

Termination devices such as pressure terminal or pressure splicing connectors and soldering lugs shall be identified, installed, and used for the material of the conductor. Conductors shall not be intermixed in a terminal or splicing connector or soldering lug where physical contact occurs between dissimilar conductors unless the device is identified for the purpose and conditions of use. Materials such as solder, fluxes, inhibitors, and compounds, where employed, shall be identified for the use and shall be of a type that will not adversely affect the conductors, installation, or equipment.

Connectors and terminals for conductors more finely stranded than Class B and Class C stranding as shown in Chapter 9 Table 10 shall be identified for the specific conductor class or classes.

Exception: Splicing wire connectors of the twist-on and lever-type identified for use with stranded copper conductors not larger than 10 AWG shall be permitted to splice copper conductors more finely stranded than Class B and Class C, provided the conductors are within the connector's marked conductor size range.

Statement of Problem and Substantiation for Public Input

Substantiation: In the 2011 NEC cycle, the fine-stranded conductor connection requirement that started in 690.31(F) (PV) was moved here (110.14) because new fine-stranded conductors were increasingly used beyond PV (for example, battery rooms and other flexible-wiring applications). CMP-1 also changed the proposal wording from "listed and marked" to "identified," confirming the Code intent is identification, not a special listing category.

A survey of twist-on splicing connectors ("wire nuts") provided with new listed luminaires at retail and wholesale distributors found that, since this requirement was added in 2011, no wire nuts are marked as "identified for use" with the fine-stranded conductors actually supplied with those same luminaires (for example, AWM 105 C, Class K stranding). Many listed appliances, such as wall-mounted double ovens, are supplied with appliance whips that use Class K stranded copper conductors.
In practice prior to 2011 tinned copper Class K conductors 10 AWG and smaller have been spliced with standard twist-on splicing connectors with no issue, the 2010 proposals that created this limitation stemmed from issues unique to solar photovoltaic systems and other types of splicing wire connectors, not standard wirenuts splicing say a 14 AWG branch circuit conductor to a 18AWG Class K stranding fixture wire, as is a typical connection at a luminaire.
Since 2011 manufacturers have made no changes to how wirenuts are made or marked.

As manufacturers increasingly use metric conductor sizing (mm2) rather than AWG in listed equipment, installers and AHJs encounter conductors where the stranding class is not readily determinable from field markings. Installers frequently cannot determine the strand class of factory-supplied equipment leads from the markings provided. UL 486C explicitly recognizes metric wire sizes and references IEC 60228 conductor classes, including Classes 5 and 6 flexible conductors, which are specified in mm2. As a result, equipment lead markings may not clearly map to Chapter 9, Table 10 conductor classes, and a strict "class-identified connector only" interpretation leads to inconsistent enforcement and creates an unworkable field condition.

The proposed exception applies only to twist-on and lever-type splicing wire connectors identified for stranded copper conductors not larger than 10 AWG, and only when used within the connector's marked conductor size range.

Submitter Information Verification

Submitter Full Name: Stephen Schmiechen
Organization: Schmiechen
Street Address:

City:
State:
Zip:
Submittal Date: Thu Feb 26 13:21:37 EST 2026
Committee: NEC-P01

Public Input No. 1893-NFPA 70-2026 [Section No. 110.14 [Excluding any Sub-Sections]]

Termination devices such as pressure terminal or pressure splicing connectors and soldering lugs shall be identified, installed, and used for the material of the conductor. Conductors shall not be intermixed in a terminal or splicing connector or soldering lug where physical contact occurs between dissimilar conductors unless the device is identified for the purpose and conditions of use. Materials such as solder, fluxes, inhibitors, and compounds, where employed, shall be identified for the use and shall be of a type that will not adversely affect the conductors, installation, or equipment.

Connectors and terminals for conductors ~~more finely stranded than Class B and Class C stranding as~~ with different stranding than shown in ~~Chapter 9 Table 10 shall~~ Table 110.14 shall be identified for the specific conductor class~~or classes.~~ , classes, or number of strands.

Table 110.14 Conductor Stranding

Conductor Size		Number of Strands [a]		
		Copper	Aluminum	Copper-Clad Aluminum
AWG or kcmil	mm^2			
24–30	0.20–0.05	[b]	—	—
22	0.32	7	—	--
20	0.52	10	—	—
18	0.82	16	—	—
16	1.3	26	—	—
14	2.1	7 or 19	—	7
12–2	3.31–33.6	7 or 19	7	7 or 19
1–4/0	42.4–107	19 or 37	19	19 or 37
250–500	127–253	37 or 61	37	37 or 61
600–1000	304–508	61 or 91	61	61 or 91
1250–1500	635–759	91 or 127	91	91 or 127
1750–2000	886–1016	127 or 271	127	127 or 271

[a] Conductors with a lesser number of strands shall be permitted based on an evaluation for connectability and bending.

[b] Number of strands vary.

Informational Note No. 1: Number of strands for Sizes 22 – 16 AWG (0.05 – 1.3 mm^2) are based on conductor Class K.

Informational Note No. 2: Number of strands for sizes 14 AWG (2.1 mm^2) and larger are based on conductor Classes B and C for copper and copper-clad aluminum conductors, and Class B for aluminum conductors.

Statement of Problem and Substantiation for Public Input

NEC Section 110.14 restricts the use of connectors and terminals to conductor stranding Classes B and C, with the use of conductors more finely stranded than these classes requiring the connector or terminal to be identified for the specific conductor class or classes. This requirement points to Chapter 9, Table 10 to

identify the number of strands for Class B and Class C conductors so the installer and AHJ can determine suitability of the combination of conductor stranding and connector/terminal.

There is a flaw in Chapter 9, Table 10, as it identifies Class B stranding to be 7, 10, 16, and 26 for copper Class B sizes 22, 20, 18, and 16, respectively. The reality is that copper Class B stranding for all these sizes is 7, rendering this table inaccurate. The product standards used to evaluate connectors have used the values shown in Chapter 9, Table 10, for decades, so the issue is not with the number of strands shown, but rather with the column headings. To remedy this inaccuracy, the table is modified to remove the column headings. Additionally, this table is relocated from Chapter 9 to Section 110.14 as it is only referenced in this one requirement.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1894-NFPA 70-2026 [Section No. Table]	
Public Input No. 1894-NFPA 70-2026 [Section No. Table]	

Submitter Information Verification

Submitter Full Name: Robert Osborne
Organization: UL Solutions
Street Address:
City:
State:
Zip:

Submittal Date: Wed Mar 25 08:31:22 EDT 2026
Committee: NEC-P01

Public Input No. 431-NFPA 70-2025 [Section No. 110.14 [Excluding any Sub-Sections]]

(1) Identified for Material. Termination devices such as pressure terminal or pressure splicing connectors and soldering lugs shall be listed, identified, installed, and used for the material of the conductor.

(2) Dissimiliar Metals. Conductors shall not be intermixed in a terminal or splicing connector or soldering lug where physical contact occurs between dissimilar conductors unless the device is identified for the purpose and conditions of use. Materials such as solder, fluxes, inhibitors, and compounds, where employed, shall be identified for the use and shall be of a type that will not adversely affect the conductors, installation, or equipment.

(3) Finely Stranded Conductors. Connectors and terminals for conductors more finely stranded than Class B and Class C stranding as shown in Chapter 9 Table 10 shall be identified for the specific conductor class or classes.

Statement of Problem and Substantiation for Public Input

1. It's very difficult for the Code user to understand and apply the NEC at times simply because of how the text if formatted. Placing items with a title list will help the user become more confident in the NEC application.
2. Adding the requirement that the termination fitting be 'listed' is a must. If not, please when you reject my PI explain.
3. In accordance with NEC Style Manual 3.5.1.2 Multiple requirements within a single subdivision shall be avoided. Additional subdivisions or lists shall be used to express independent requirements.

Submitter Information Verification

Submitter Full Name: Mike Holt
Organization: Mike Holt Enterprises Inc
Street Address:
City:
State:
Zip:

Submittal Date: Tue Dec 30 14:51:51 EST 2025
Committee: NEC-P01

Public Input No. 573-NFPA 70-2026 [Section No. 110.14 [Excluding any Sub-Sections]]

Termination devices such as pressure terminal or pressure splicing connectors and soldering lugs shall be identified ~~, installed, and used~~ for the material of the conductor. Conductors shall not be intermixed in a terminal or splicing connector or soldering lug where physical contact occurs between dissimilar conductors unless the device is identified for the purpose and conditions of use. Materials such as solder, fluxes, inhibitors, and compounds, where employed, shall be identified for the use and shall be of a type that will not adversely affect the conductors, installation, or equipment.

Connectors and terminals for conductors more finely stranded than Class B and Class C stranding as shown in Chapter 9 Table 10 shall be identified for the specific conductor class or classes.

Statement of Problem and Substantiation for Public Input

The changes made to this section in 2026 left the sentence incoherent. "...devices...shall be...installed and used for the material of the condcutor." What does that mean?
There was nothing wrong with the 2023 language and it should be reinstated.

Submitter Information Verification

Submitter Full Name: Ryan Jackson
Organization: Ryan Jackson Electrical Training
Street Address:
City:
State:
Zip:

Submittal Date: Sat Jan 10 18:26:30 EST 2026
Committee: NEC-P01

Public Input No. 1056-NFPA 70-2026 [Section No. 110.15]

110.15 High-Leg Marking.

On a 4-wire, delta-connected system where the midpoint of one phase winding is grounded, only the conductor or busbar having the higher phase voltage to ground shall be durably and permanently marked as follows:

1. The outer finish of the conductor shall be orange in color ~~by an outer finish or~~ or identified as orange in color by other effective means such ~~that orange is~~ as marking tape, tagging, or other approved means.

2. The orange identification shall be visible at all splices and terminations. ~~Such~~

3. the orange identification shall be placed at each point on the system where a connection is made if the grounded conductor is also present.

Statement of Problem and Substantiation for Public Input

This section is being rewritten to align with the NEC style manual Section 3.5.1.1 ensuring the section does not have multiple requirements in a single paragraph. There is no technical change to the requirements themself but rather reorganizing and adding clarity for the application of this section.

Submitter Information Verification

Submitter Full Name: Thomas Domitrovich
Organization: Eaton Corporation
Street Address:
City:
State:
Zip:

Submittal Date: Mon Feb 16 18:36:43 EST 2026
Committee: NEC-P01

Public Input No. 255-NFPA 70-2025 [Section No. 110.15]

110.~~15~~ ~~High-Leg~~ 15 Delta Marking.

(A) On a 4-wire, delta-connected system where the midpoint of one phase winding is grounded, only the conductor or busbar having the higher phase voltage to ground shall be durably and permanently marked orange in color by an outer finish or by other effective means such that orange is visible at all splices and terminations. Such identification shall be placed at each point on the system where a connection is made if the grounded conductor is also present.

(B) On an open delta–connected system, the set of phase conductors that constitutes the open portion of the delta, or the phase winding that is not installed, shall be field-identified at the service by color tagging and a durable identification label suitable for the conditions of use.

Additional Proposed Changes

File Name	Description	Approved
open_delta-example-singlephaseB-C-3.png	Load connected across open set of open delta	
solar_open_delta_lighting_larger.png	PV inverters connected to a Open delta	

Statement of Problem and Substantiation for Public Input

Open-delta services remain in use throughout the United States for small three-phase installations in agricultural, commercial, industrial, and similar occupancies. Some utilities also continue to provide new open-delta services, especially in rural areas lacking 3 phase primary. Many utilities that no longer offer new open-delta service have cited overloaded or damaged transformer banks as a principal reason for discontinuing it. These systems supply a combination of single-phase and three-phase loads using only two distribution transformers rather than a complete three-transformer delta bank.

In an open-delta system, one side of the delta is not provided by an installed transformer winding. As a result, the three phase-conductor positions are not electrically equivalent in the same way they are in a closed-delta system. This condition is often not obvious in the field, especially after equipment has been replaced, feeders have been re-pulled, panelboards have been rearranged, or original utility documentation is no longer available. In some cases, a service may no longer have any three-phase loads and may serve only single-phase line-to-line and line-to-neutral loads. Large single-phase line-to-line loads, when correctly applied, may take advantage of the non-center-tapped transformer, but when placed across the open phase set they may impose excessive load on the center-tapped transformer.

That distinction matters because single-phase line-to-line loads connected across the open phase set are supplied through both installed transformer windings. If that phase set is not identified, installers and designers may incorrectly assume that any phase pair can be used interchangeably for large single-phase line-to-line loads.
The same concern applies to distributed energy resources such as photovoltaic grid tied systems back-feeding a open delta, grid-interactive single-phase line-to-line inverters should be matched to the installed transformer configuration.
Back-feeding a photovoltaic inverter across the open phase set can impose undesirable loading on both transformers and degrade operation of the bank. These conditions can lead to incorrect load calculations, improper equipment application, and overloading of one or both transformers in the bank.

Lack of identification also creates avoidable difficulty during service and troubleshooting. Electricians working on open-delta systems may have no immediate way to determine which phase pair constitutes the open portion of the delta. This can lead to improper circuit extensions, incorrect load placement, unnecessary troubleshooting labor, and connection of single-phase line-to-line equipment to the wrong phase pair.

Available fault current is another reason the open set should be identified. On an open-delta system, the

fault current available on one phase pair may not be the same as on another. The transformers may not even be the same size. A fault across the open phase set is fed through the two installed transformers, and if those transformers are not identical in size or impedance, the available fault current can differ even more. Marking the open set helps installers and engineers whom need to consider unequal transformers for fault-current evaluation.

The proposed marking requirement is consistent with the purpose of existing identification rules for phase relationships. Section 110.15(A) already requires identification of high-leg systems so that installers and service personnel can recognize a condition that affects equipment application and system use, 240.85 requires straight rated 2-pole breakers on the non-center tapped phase. Open-delta systems present many needs for field recognition because the phase pairs are not interchangeable for loading purposes, inverters, or breakers. Requiring color tagging and a durable label gives installers and maintenance personnel immediate notice of that condition. The notice can be as simple as: "240/120 open-delta system. Phase B (orange) to Phase C (blue) is the open set."

This proposal imposes little additional cost on contractors and, in return for that small cost, improves clarity, supports correct load placement and calculation, and enhances safety for those installing, modifying, and servicing open-delta systems. It may also help support broader utility acceptance of new open-delta services by reducing one of the common causes of bank overloading.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 250-NFPA 70-2025 [New Definition after Definition: Open Wiring on Insulators.]	Definition of open delta

Submitter Information Verification

Submitter Full Name: Stephen Schmiechen
Organization: Schmiechen
Street Address:
City:
State:
Zip:

Submittal Date: Sun Nov 23 19:07:58 EST 2025
Committee: NEC-P01

Public Input No. 2870-NFPA 70-2026 [Section No. 110.15]

110.15 High-Leg Marking.

On a 4-wire, delta-connected system where the midpoint of one phase winding is grounded, only the conductor or busbar having the higher phase voltage to ground shall be durably and permanently marked orange in color by an outer finish or by other effective means such that orange is visible at all splices and terminations. Such identification shall be placed at each point on the system where a connection is made if the grounded conductor is also present.

Exception: Premise wiring systems with an existing alternative method of identifying the high leg shall be permitted to continue using that method.

Statement of Problem and Substantiation for Public Input

There are existing facilities that use different methods permitted under previous editions of the Code (such as red, purple, tagging, etc.) that provide safe identification that is not orange. Requiring orange high-leg markings for added equipment that conflicts with the existing methodology can create a confusing and potentially unsafe installation.

Submitter Information Verification

Submitter Full Name: Christel Hunter
Organization: Cerro Wire
Street Address:
City:
State:
Zip:

Submittal Date: Mon Apr 06 16:46:40 EDT 2026
Committee: NEC-P01

Public Input No. 410-NFPA 70-2025 [Section No. 110.15]

110.15 High-Leg Marking.

On a 4-wire, delta-connected system where the midpoint of one phase winding is grounded, ~~only~~ the conductor or busbar having the higher phase voltage to ground shall be durably and permanently marked orange in color by an outer finish or by other effective means such that orange is visible at all splices and terminations. Such identification shall be placed at each point on the system where a connection is made if the grounded conductor is also present.

Statement of Problem and Substantiation for Public Input

As it is currently written, this section just limits the color orange, it does not require it. Using any color besides white, gray, or green is allowed for the high-leg. But if I have a high-leg system and I choose to use orange, orange must be the high-leg conductor.

Submitter Information Verification

Submitter Full Name: Ryan Jackson
Organization: Ryan Jackson Electrical Training
Street Address:
City:
State:
Zip:

Submittal Date: Sat Dec 27 14:33:33 EST 2025
Committee: NEC-P01

Public Input No. 764-NFPA 70-2026 [Section No. 110.15]

110.15 High-Leg Marking.

On a 4-wire, delta-connected system where the midpoint of one phase winding is grounded, only the conductor or busbar having the higher phase voltage to ground shall be durably and permanently marked orange in color by an outer finish or by other effective means such that orange is visible at all splices and terminations. Such identification shall be placed at each point on the system where a connection is made if the ~~grounded~~ neutral conductor is also present.

Statement of Problem and Substantiation for Public Input

The term 'grounded conductor' is not the proper term to use in this rule. The circuit conductors of high-leg system has a neutral conductor, not a Grounded B Phase conductor. The best term for the industry to use in this application and to be consistent with the many other rules in the NEC that use the term Neutral Conductor.

Submitter Information Verification

Submitter Full Name: Mike Holt
Organization: Mike Holt Enterprises Inc
Street Address:
City:
State:
Zip:

Submittal Date: Sun Jan 25 12:28:00 EST 2026
Committee: NEC-P01

Public Input No. 3608-NFPA 70-2026 [New Section after 110.16]

TITLE OF NEW CONTENT

Add a New informational note to reference the requirements of 408.6.

Statement of Problem and Substantiation for Public Input

These two articles require complimentary information to be marked. Many people read 110.16 and believe that this is all that is required. 408.6 adds the requirement for the available fault current to also be marked....

Submitter Information Verification

Submitter Full Name: Dan Caddigan
Organization: Daniel Caddigan, PE
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 14:49:58 EDT 2026
Committee: NEC-P01

Public Input No. 1093-NFPA 70-2026 [Section No. 110.16]

110.16 Arc-Flash Hazard Marking.

In other than dwelling units, a permanent arc flash marking shall be field or factory applied to service equipment and feeder-supplied equipment, such as switchboards, switchgear, enclosed panelboards, industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized. The marking shall comply with 110.21(B), be located so as to be clearly visible to qualified persons, and be in accordance with applicable industry practice, containing the following information:

(1) The nominal system voltage

(2) The arc flash boundary

(3) The available incident energy or minimum required level of personal protective equipment

(4) The date the assessment was completed

Informational Note No. 1: See ANSI Z535.4-2011 (R2017), *Product Safety Signs and Labels*, for guidelines for the design of safety signs and labels for application to products.

Informational Note No. 2: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for applicable industry practices for equipment marking. This standard provides specific criteria for developing arc-flash labels for equipment that provides nominal system voltage, incident energy levels, arc-flash boundaries, minimum required levels of personal protective equipment, and so forth.

Exception: In supervised industrial installations where conditions of maintenance and engineering supervision ensure that only qualified persons monitor and service the system, the information required in 110.16 shall be permitted to be documented in a manner that is readily available to qualified persons.

Statement of Problem and Substantiation for Public Input

This proposal seeks to harmonize the NEC requirement for arc flash hazard marking on new equipment with the established industry practice in NFPA 70E for supervised industrial installations under defined conditions of maintenance and supervision. The absence of an exception for installations where environmental factors, such as corrosive atmospheres, prevent the application of a durable label means that such installations would be non-compliant with 110.16 with no practical path to compliance.

Submitter Information Verification

Submitter Full Name: Zarheer Jooma
Organization: e-Hazard Management LLC
Street Address:
City:
State:
Zip:

Submittal Date: Thu Feb 19 13:54:44 EST 2026
Committee: NEC-P01

Public Input No. 1195-NFPA 70-2026 [Section No. 110.16]

110.16 Arc-Flash Hazard Marking.

In other than dwelling units, a permanent arc flash marking shall be field or factory applied to service equipment and feeder-supplied equipment, such as switchboards, switchgear, enclosed panelboards, industrial control panels, meter socket enclosures, and motor control ~~centers~~ centers rated 1000 amperes or more that are likely to require examination, adjustment, servicing, or maintenance while energized. The marking shall comply with 110.21(B), be located so as to be clearly visible to qualified persons, and be in accordance with applicable industry practice, containing the following information:

(1) The nominal system voltage

(2) The arc flash boundary

(3) The available incident energy or minimum required level of personal protective equipment

(4) The date the assessment was completed

Informational Note No. 1: See ANSI Z535.4-2011 (R2017), *Product Safety Signs and Labels*, for guidelines for the design of safety signs and labels for application to products.

Informational Note No. 2: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for applicable industry practices for equipment marking. This standard provides specific criteria for developing arc-flash labels for equipment that provides nominal system voltage, incident energy levels, arc-flash boundaries, minimum required levels of personal protective equipment, and so forth.

Statement of Problem and Substantiation for Public Input

This seems to be easy enough in the areas of the county that more stuff is engineered. In the rest of the country, all the smaller jobs are design built by the owner or the electrical contractor. This requirement seems to be a good thing, but just is not practical everywhere. This will become a huge headache for the myself as an inspector to enforce this on all these small jobs. Example: An electrician adds a 120/240V 100A subpanel in a small commercial office space, now we need to add the expense to get an engineer involved to make this sticker. The engineer bill will be more than the cost of the job as these guys in the field are not going to know how to do this and us inspectors do not have the time to teach them. All this labeling from 70E is getting out of hand and should stay in that publication. The small panels do not physically have the room to add all these labels that are becoming required all the time.

Submitter Information Verification

Submitter Full Name: Brent Schoulte
Organization: South Dakota Electrical Commis
Street Address:
City:
State:
Zip:

Submittal Date: Wed Feb 25 17:21:25 EST 2026
Committee: NEC-P01

Public Input No. 195-NFPA 70-2025 [Section No. 110.16]

110.16 Arc-Flash Hazard Marking.

In other than dwelling units, a permanent arc flash marking shall be field or factory applied to service equipment and feeder-supplied equipment, such as switchboards, switchgear, enclosed panelboards, industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized. The marking shall comply with 110.21(B), be located so as to be clearly visible to qualified persons, and be in accordance with applicable industry practice, containing the following information:

(1) The nominal system voltage

(2) The arc flash boundary

(3) The available incident energy or minimum required level of personal protective equipment

(4) The date the arc flash risk assessment was completed

Informational Note No. 1: See ANSI Z535.4-2011 (R2017), *Product Safety Signs and Labels*, for guidelines for the design of safety signs and labels for application to products.

Informational Note No. 2: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for applicable industry practices for equipment marking. This standard provides specific criteria for developing arc-flash labels for equipment that provides nominal system voltage, incident energy levels, arc-flash boundaries, minimum required levels of personal protective equipment, and so forth.

Statement of Problem and Substantiation for Public Input

This PI proposes to add "arc flash risk" to list item (4) for clarity. As written, the current requirement only mentions an "assessment" but provides no other details as to what type of assessment is being referenced. The existing reference to applicable industry standards and the informational note pointing to NFPA 70E are helpful, but for further clarity and usability, it would be best to be more specific.

**For reference the following information is provided as it appears in the 2024 edition of NFPA 70:

**Risk Assessment.
An overall process that identifies hazards, estimates the likelihood of occurrence of injury or damage to health, estimates the potential severity of injury or damage to health, and determines if protective measures are required.
Informational Note: As used in this standard, arc flash risk assessment and electric shock risk assessment are types of risk assessments.

**130.5 Arc Flash Risk Assessment.
(A) General.
An arc flash risk assessment shall be performed:
(1)To identify arc flash hazards
(2)To estimate the likelihood of occurrence of injury or damage to health and the potential severity of injury or damage to health
(3)To determine if additional protective measures are required, including the use of PPE

Submitter Information Verification

Submitter Full Name: Vincent Della Croce
Organization: Siemens
Street Address:
City:

State:
Zip:
Submittal Date: Mon Nov 10 15:37:41 EST 2025
Committee: NEC-P01

Public Input No. 224-NFPA 70-2025 [Section No. 110.16]

110.16 Arc-Flash Hazard Marking.

In other than dwelling units, a permanent arc flash marking shall be field or factory applied to service equipment and feeder-supplied equipment, such as switchboards, switchgear, enclosed panelboards, industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized. The marking shall comply with 110.21(B), be located so as to be clearly visible to qualified persons, and be in accordance with applicable industry practice, containing the following information:

(1) The nominal system voltage

(2) The arc flash boundary

(3) The available incident energy or minimum required level of personal protective equipment

(4) The date the ~~assessment was~~ arc flash marking-related assessment was completed

Informational Note No. 1: See ANSI Z535.4-2011 (R2017), *Product Safety Signs and Labels*, for guidelines for the design of safety signs and labels for application to products.

Informational Note No. 2: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for applicable industry practices for equipment marking. This standard provides specific criteria for developing arc-flash labels for equipment that provides nominal system voltage, incident energy levels, arc-flash boundaries, minimum required levels of personal protective equipment, and so forth.

Statement of Problem and Substantiation for Public Input

The date of the assessment is mentioned but the requirement in this section does not mention what the assessment is. This recommendation is intended to clarify what assessment is being discussed.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Tue Nov 18 17:35:19 EST 2025
Committee: NEC-P01

Public Input No. 2373-NFPA 70-2026 [Section No. 110.16]

110.16 Arc-Flash Hazard Marking.

110.16(A) Equipment to be Marked

In other than dwelling units, a permanent arc flash marking shall be field or factory applied to the following service equipment and feeder

~~-supplied equipment, such as switchboards, switchgear, enclosed panelboards, industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized. The~~

supplied equipment

(!) Switchboards

(2)Switchgear

(3) Enclosed panelboards

(4) Industrial control panels

(5) Meter socket enclosures

(6) Motor control centers

(7) Fusible disconnects

(8) Enclosed circuit breakers

110.16(B) Means of Marking

The means of marking shall comply with 110.21(B) , and be located so as to be clearly visible to qualified persons, and be

~~in~~

located so as to be clearly visible to qualified persons, and be in accordance with applicable industry practice, containing the following information:

(1) The nominal system voltage

(2) The arc flash boundary

(3) The available incident energy or minimum required level of personal protective equipment

(4) The date the assessment was completed

Informational Note No. 1: See ANSI Z535.4-2011 (R2017), *Product Safety Signs and Labels* , for guidelines for the design of safety signs and labels for application to products.

Informational Note No. 2: See NFPA *70E* , *Standard for Electrical Safety in the Workplace* , for applicable industry practices for equipment marking. This standard provides specific criteria for developing arc-flash labels for equipment that provides nominal system voltage, incident energy levels, arc-flash boundaries, minimum required levels of personal protective equipment, and so forth.

Statement of Problem and Substantiation for Public Input

Two objectives are intended by these changes. The first is to break up 116.16 into two parts so that one part deals with what equipment is so be marked and the other to cover the means. Also, the first part takes the 6 original items of equipment that must be marked and puts them into list order in accordance with the Style Manual. In addition, I propose to add two more pieces of equipment that ought to have a hazard label, fusible disconnect switches and enclosed circuit breakers. These devices contain OCPDs, and therefore, by definition, the wiring ahead of them are feeders, not branch circuits, and ought to have hazard labels just as much as the other equipment. Lastly, the words "...likely to require examination, adjustment,

servicing, or maintenance while energized." is deleted.. It is axiomatic that this equipment falls into this category, and the language only creates confusion as to what may and may not be covered.

Submitter Information Verification

Submitter Full Name: Philip Ostrow
Organization: Ostrow Electric Company
Affiliation: NECA representative as alternate on NFPA 70 CMP 7
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 02 13:35:13 EDT 2026
Committee: NEC-P01

Public Input No. 281-NFPA 70-2025 [Section No. 110.16]

110.16 Arc-Flash Hazard Marking.

In other than dwelling units, a permanent arc flash marking shall be field or factory applied to service equipment and feeder-supplied equipment, such as switchboards, switchgear, enclosed panelboards, industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized. The marking shall comply with 110.21(B), be located so as to be clearly visible to qualified persons, and be in accordance with applicable industry practice, containing the following information:

(1) The nominal system voltage

(2) The arc flash boundary

(3) The available incident energy or minimum required level of personal protective equipment

(4) The date the assessment was completed

Exception: In industrial installations, with written safety procedures, where conditions of maintenance and supervision ensure that only qualified persons service the equipment, the requirements of 110.16 (4) shall not be required to be met.

Informational Note No. 1: See ANSI Z535.4-2011 (R2017), *Product Safety Signs and Labels*, for guidelines for the design of safety signs and labels for application to products.

Informational Note No. 2: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for applicable industry practices for equipment marking. This standard provides specific criteria for developing arc-flash labels for equipment that provides nominal system voltage, incident energy levels, arc-flash boundaries, minimum required levels of personal protective equipment, and so forth.

Statement of Problem and Substantiation for Public Input

The current label date requirement does not provide meaningful value for industrial occupancies. Larger sites in the petrochemical and chemical industries often need to replace 10,000–30,000 labels, which must be generated and applied. This process typically takes 1–2 years, is highly labor-intensive, and offers no benefit when the arc flash incident energy remains unchanged. The rather large number of labels is based on the industrial safety practice to anticipate an arc flash event, when manually operating a switch / circuit breaker / racking device, even if the equipment is in a normal operating condition.
Industrial facilities that have a documented process to verify that the arc flash incident energy for a specific node has not changed should not be required to replace the label, provided the existing label is still legible and not deteriorated. Plants going above and beyond in providing additional safety for their employees should not be "taxed" by forcing dates on the labels.
Thank you for considering this perspective.

Submitter Information Verification

Submitter Full Name: Mark Pisani
Organization: Jacobs
Street Address:
City:
State:
Zip:

Submittal Date: Wed Nov 26 12:36:56 EST 2025
Committee: NEC-P01

Public Input No. 2892-NFPA 70-2026 [Section No. 110.16]

110.16 Arc-Flash Hazard Marking.

In other than dwelling units, a permanent arc flash marking shall be field or factory applied to service equipment and feeder-supplied equipment, such as switchboards, switchgear, ~~enclosed~~ panelboards, industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized. The marking shall comply with 110.21(B), be located so as to be clearly visible to qualified persons, and be in accordance with applicable industry practice, containing the following information:

(1) The nominal system voltage

(2) The arc flash boundary

(3) The available incident energy or minimum required level of personal protective equipment

(4) The date the assessment was completed

Informational Note No. 1: See ANSI Z535.4-2011 (R2017), *Product Safety Signs and Labels*, for guidelines for the design of safety signs and labels for application to products.

Informational Note No. 2: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for applicable industry practices for equipment marking. This standard provides specific criteria for developing arc-flash labels for equipment that provides nominal system voltage, incident energy levels, arc-flash boundaries, minimum required levels of personal protective equipment, and so forth.

Statement of Problem and Substantiation for Public Input

The term "enclosed panelboard" is revised to the defined term "panelboard" for consistency and clarity.

Submitter Information Verification

Submitter Full Name: Daniel Neeser
Organization: Eatonâ€™s Bussmann Division
Street Address:
City:
State:
Zip:

Submittal Date: Mon Apr 06 18:47:11 EDT 2026
Committee: NEC-P01

Public Input No. 2953-NFPA 70-2026 [Section No. 110.16]

110.16 Arc-Flash Hazard Marking.

In other than dwelling units, a permanent arc flash marking shall be field or factory applied to service equipment and feeder-supplied equipment, such as switchboards, switchgear, enclosed panelboards, industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized. The marking shall comply with 110.21(B), be located so as to be clearly visible to qualified persons, and be in accordance with applicable industry practice, containing the following information:

(1) The nominal system voltage

(2) The arc flash boundary

(3) The available incident energy or minimum required level of personal protective equipment

(4) The date the assessment was completed

Informational Note No. 1: See ANSI Z535.4-2011 (R2017), *Product Safety Signs and Labels*, for guidelines for the design of safety signs and labels for application to products.

Informational Note No. 2: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for applicable industry practices for equipment marking. This standard provides specific criteria for developing arc-flash labels for equipment that provides nominal system voltage, incident energy levels, arc-flash boundaries, minimum required levels of personal protective equipment, and so forth.

Exception No. 1: In supervised industrial installations where conditions of maintenance and engineering supervision ensure that only qualified persons monitor and service the system, the information required in 110.16(1) through 110.16(4) shall be permitted to be documented in a manner that is readily available to persons likely to perform examination, servicing, maintenance, and operation of the equipment while energized.

Statement of Problem and Substantiation for Public Input

I wish putting a label on equipment were as easy as it sounds for ALL equipment, but we have large systems where arc flash is constantly changing. We have equipment whose hazards vary with the power requirements for research projects. As the NEC is written, you have removed the ability for us to use QR codes to include all the information and something else.

Note 2 in 110.16 points you to 70E, but this standard is not widely used by most electrical inspectors. I have already had this conversation with a well-respected inspector on a CMP, and he believes QR codes or other ideas would not be applicable to "industry standards". I see this being an issue.

This is not black-and-white, and we need other ways to keep our workers up to date on information that is continuously changing and also code-compliant.

Submitter Information Verification

Submitter Full Name: Chris Foland
Organization: National Laboratory of the Roc
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 12:45:43 EDT 2026

Committee: NEC-P01

Public Input No. 3319-NFPA 70-2026 [Section No. 110.16]

110.16 Arc-Flash Hazard Marking.

In other than dwelling units, a permanent arc flash marking shall be field or factory applied to service equipment and feeder-supplied equipment, such as switchboards, switchgear, enclosed panelboards, enclosed panel unit(s), industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized. The marking shall comply with 110.21(B), be located so as to be clearly visible to qualified persons, and be in accordance with applicable industry practice, containing the following information:

(1) The nominal system voltage

(2) The arc flash boundary

(3) The available incident energy or minimum required level of personal protective equipment

(4) The date the assessment was completed

Informational Note No. 1: See ANSI Z535.4-2011 (R2017), *Product Safety Signs and Labels*, for guidelines for the design of safety signs and labels for application to products.

Informational Note No. 2: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for applicable industry practices for equipment marking. This standard provides specific criteria for developing arc-flash labels for equipment that provides nominal system voltage, incident energy levels, arc-flash boundaries, minimum required levels of personal protective equipment, and so forth.

Statement of Problem and Substantiation for Public Input

The newly defined term "enclosed panel unit(s)" is incorporated into this requirement since it is a defined term. By definition, "enclosed panel units" are panel units which are enclosed. This requirement now correctly incorporates both the enclosure and what it encloses.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3302-NFPA 70-2026 [New Definition after Definition: Enclosed.]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 17:25:43 EDT 2026
Committee: NEC-P01

Public Input No. 3565-NFPA 70-2026 [Section No. 110.16]

110.16 Arc-Flash Hazard Marking.

In other than dwelling units, a permanent arc flash marking shall be field or factory applied to service equipment and feeder-supplied equipment, such as switchboards, switchgear, enclosed assembled panel unit(s), enclosed panelboards, industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized. The marking shall comply with 110.21(B), be located so as to be clearly visible to qualified persons, and be in accordance with applicable industry practice, containing the following information:

(1) The nominal system voltage

(2) The arc flash boundary

(3) The available incident energy or minimum required level of personal protective equipment

(4) The date the assessment was completed

Informational Note No. 1: See ANSI Z535.4-2011 (R2017), *Product Safety Signs and Labels*, for guidelines for the design of safety signs and labels for application to products.

Informational Note No. 2: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for applicable industry practices for equipment marking. This standard provides specific criteria for developing arc-flash labels for equipment that provides nominal system voltage, incident energy levels, arc-flash boundaries, minimum required levels of personal protective equipment, and so forth.

Statement of Problem and Substantiation for Public Input

The newly defined term "enclosed assembled panel unit(s)" is incorporated into this requirement since it is a defined term. By definition, "enclosed assembled panel units" are essentially, in part, assembled panel units which are enclosed. This requirement now correctly incorporates both the enclosure and what it encloses.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3551-NFPA 70-2026 [New Definition after Definition: Enclosed.]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 12:48:40 EDT 2026
Committee: NEC-P01

Public Input No. 3652-NFPA 70-2026 [Section No. 110.16]

110.16 Arc-Flash Hazard Marking.

In other than dwelling units, a permanent arc flash marking shall be field or factory applied to service equipment and feeder-supplied equipment, such as switchboards, switchgear, enclosed panelboards, industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized. The marking shall comply with 110.21(B), be located so as to be clearly visible to qualified persons, and be in accordance with applicable industry practice, containing the following information:

(1) The nominal system voltage

(2) The arc flash boundary

(3) The available incident energy or minimum required level of personal protective equipment

(4) The date the assessment was completed

Where a documented review confirms that no change has occurred that renders the marking inaccurate, replacement of the marking shall not be required solely to revise the date, provided the marking remains legible, clearly visible, and of sufficient durability for the environment involved.

Informational Note No. 1: See ANSI Z535.4-2011 (R2017), *Product Safety Signs and Labels*, for guidelines for the design of safety signs and labels for application to products.

Informational Note No. 2: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for applicable industry practices for equipment marking. This standard provides specific criteria for developing arc-flash labels for equipment that provides nominal system voltage, incident energy levels, arc-flash boundaries, minimum required levels of personal protective equipment, and so forth.

Statement of Problem and Substantiation for Public Input

Section 110.16 should clearly distinguish between the technical validity date of the arc-flash evaluation and the physical application date of a sticker.

The current and recent prior wording in 110.16 has created a practical compliance question: whether every periodic review or administrative change requires printing and installing a new physical label, even where the required label content has not changed. That interpretation does not improve safety and can create unnecessary relabeling activity without changing the warning information available to qualified persons.

NFPA 70E provides a more technically sound framework. Its arc-flash labeling provisions require the calculation method and supporting data to be documented, require review of the data at intervals not to exceed 5 years, and require the label to be updated only when the review identifies a change that renders the label inaccurate. That structure properly focuses on the accuracy of the hazard information rather than on the age of the adhesive label itself.

CMP-1 has already moved in this direction in the 2026 NEC cycle by revising the timestamp concept from the date the label was applied to the date the assessment was completed, with committee statement expressly explaining that the revision was made to reflect the arc-flash risk assessment completion date. This public input continues that same logic and clarifies its field application.

The proposed revision preserves safety because it does not permit stale or inaccurate markings. Any change identified through maintenance, engineering review, or management-of-change activities that affects the nominal voltage, arc-flash boundary, incident energy, or PPE basis would still require the marking to be updated. The proposal only clarifies that a new physical label is not required when a documented review confirms that the existing marking remains accurate and legible.

This approach is also consistent with the logic used in 110.24, where field markings are adjusted when system modifications affect the technical basis of the marking.

Submitter Information Verification

Submitter Full Name: Anton Skarich
Organization: BASF
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 16:04:29 EDT 2026
Committee: NEC-P01

Public Input No. 841-NFPA 70-2026 [Section No. 110.16]

110.16 Arc-Flash Hazard Marking.

In other than dwelling units, a permanent arc flash marking shall be field or factory applied to service equipment and feeder-supplied equipment, such as switchboards, switchgear, enclosed panelboards, industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized. The marking shall comply with 110.21(B), be located so as to be clearly visible to qualified persons, and be in accordance with applicable industry practice, containing the following information:

(1) The nominal system voltage

(2) The arc flash boundary

(3) The available incident energy or minimum required level of personal protective equipment

(4) The date the assessment was completed

Informational Note No. 1: See ANSI Z535.4~~-2011 (R2017)~~ , *Product Safety Signs and Labels*, for guidelines for the design of safety signs and labels for application to products.

Informational Note No. 2: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for applicable industry practices for equipment marking. This standard provides specific criteria for developing arc-flash labels for equipment that provides nominal system voltage, incident energy levels, arc-flash boundaries, minimum required levels of personal protective equipment, and so forth.

Statement of Problem and Substantiation for Public Input

ANSI Z535.4-2011 (R2017) is an outdated standard listed as "Historical" by ANSI, whereas a newer standard has been issued in its stead (ANSI Z535.4-2023). So 110.16 Informational Note No. 1 lists an outdated standard.

Since 110.16 Informational Note No. 2 does not list a year/edition for the NFPA 70E, it is logical that Note 1 simply points to the ANSI Z535.4 standard as a whole and lets users traverse the year to read. This also future-proofs the informational note from needing further revisions every time ANSI Z535.4 is updated.

Furthermore, this same standard is referenced in 110.21(B)(1). Informational Note No. 1 references ANSI Z535.2 and Informational Note No. 2 references Z535.4. Neither of which lists the year/edition of the associated standards.

Submitter Information Verification

Submitter Full Name: Dustin Stelzer
Organization: Electrician U
Street Address:
City:
State:
Zip:

Submittal Date: Sat Jan 31 09:42:43 EST 2026
Committee: NEC-P01

Public Input No. 850-NFPA 70-2026 [Section No. 110.16]

110.16 Arc-Flash Hazard Marking.

In other than dwelling units, a permanent arc flash marking shall be field or factory applied to service equipment and feeder-supplied equipment, such as switchboards, switchgear, enclosed panelboards, industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized. The marking shall comply with 110.21(B), be located so as to be clearly visible to qualified persons, and be in accordance with applicable industry practice, containing the following information:

(1) The nominal system voltage

(2) The arc flash boundary

(3) The available incident ~~energy or minimum required level of personal protective equipment~~ energy

(4) The date the assessment was completed

Informational Note No. 1: See ANSI Z535.4-2011 (R2017), *Product Safety Signs and Labels*, for guidelines for the design of safety signs and labels for application to products.

Informational Note No. 2: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for applicable industry practices for equipment marking. This standard provides specific criteria for developing arc-flash labels for equipment that provides nominal system voltage, incident energy levels, arc-flash boundaries, minimum required levels of personal protective equipment, and so forth.

Statement of Problem and Substantiation for Public Input

This requirement to include required level of PPE could create unnecessary liability and blurs the established division of responsibility between the NEC and 70E.

The likelihood of system modification such as transformer replacement, protective device settings, the addition of large motors, etc. over time is significant. If the system is modified, labels may no longer reflect actual conditions, yet would remain accessible to workers. It is understood that a date is required to be marked on the label as well and is intended to address this issue, however the information is available in plain sight once posted.

Mandating the posting of arc flash PPE levels represents a shift into workplace safety practices that are more appropriately governed by NFPA 70E. The purpose of the NEC is clearly stated but has traditionally allowed the 70E to describe safe work practices. The NEC has recently made a concerted effort to yield to NFPA 70B for maintenance considerations, so why move in the opposite direction as it relates to 70E?

Requiring PPE levels to be posted under the NEC risks implying that an NEC label satisfies an employer's NFPA 70E and OSHA obligations, potentially affecting the safety of workers who may rely on outdated or misapplied information. Removing the requirement to post minimum arc flash PPE levels preserves the NEC's installation-focused scope while leaving PPE determination, risk assessment, and employee protection under NFPA 70E and the employer's safety program.

Submitter Information Verification

Submitter Full Name: Steven Gibson
Organization:
Street Address:
City:
State:

Zip:
Submittal Date: Sun Feb 01 10:46:19 EST 2026
Committee: NEC-P01

Public Input No. 2977-NFPA 70-2026 [Section No. 110.17]

110.17 Servicing of Equipment.

Servicing shall be performed by qualified persons trained in servicing of equipment and shall comply with the following:

(1) The servicing shall be performed in accordance with the original equipment manufacturer's instructions and information included in the listing information, applicable industry standards, or as approved by the authority having jurisdiction.

(2) The servicing shall be performed using identified replacement parts that are verified under applicable product standards. The replacement parts shall comply with at least one of the following:

(3) _ Be provided by the original equipment manufacturer

(4) _ Be designed by an engineer experienced in the design of replacement parts for the type of equipment being serviced

(5) _ Be approved by the authority having jurisdiction

Informational Note: See 110.20. For equipment that is not listed or field labeled, or for which components are no longer available from the original equipment manufacturer, one way to determine suitability is to review the documentation that accompanies the replacement parts.

Statement of Problem and Substantiation for Public Input

The revised formatting of the informational note provides explanatory information to support and improve usability of the associated requirement to comply with the NEC Style Manual 2.1.10.1.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: Independent Electrical Contractors
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 14:10:29 EDT 2026
Committee: NEC-P01

Public Input No. 3453-NFPA 70-2026 [Section No. 110.17]

110.

~~17 Servicing~~
17 Servicing of Equipment.

~~Servicing~~

If equipment requires servicing, it shall be performed by qualified

~~persons trained in servicing of equipment and~~

persons and shall comply with the following:

(1) The servicing shall be performed in accordance with the original equipment manufacturer's instructions and information included in the listing information, applicable industry standards, or as approved by the authority having jurisdiction.

(2) The servicing shall be performed using identified replacement parts that are verified under applicable product standards. The replacement parts shall comply with at least one of the following:

(3) Be provided by the original equipment manufacturer

(4) Be designed by an engineer experienced in the design of replacement parts for the type of equipment being serviced

(5) Be approved by the authority having jurisdiction

Informational Note:

~~For~~

For equipment that is not listed or field labeled, or for which components are no longer available from the original equipment manufacturer, one way to determine suitability is to review the documentation that accompanies the replacement parts.

Statement of Problem and Substantiation for Public Input

Clarification.

1. Not all electrical equipment requires servicing, the current language can be interpreted as mandatory language "110.17 Servicing of Equipment" "Servicing shall be performed".

2. Per the definition of servicing "Servicing - The process of following a manufacturer's set of instructions or applicable industry standards to analyze, adjust, or perform prescribed actions upon equipment with the intention to preserve or restore the operational performance of the equipment." all electrical serving does not require specialized training in servicing and can be performed by a qualified person that already possesses skills and knowledge related to the construction, operation, and installation of electrical equipment and has received safety training to recognize and avoid the hazards.

Submitter Information Verification

Submitter Full Name: Perry Hyder
Organization: Electrical Education Internati
Street Address:
City:

State:
Zip:
Submittal Date: Thu Apr 09 09:09:38 EDT 2026
Committee: NEC-P01

Public Input No. 793-NFPA 70-2026 [Section No. 110.17]

110.17 Servicing of Equipment.

Servicing shall be performed by qualified persons trained in servicing of equipment and shall comply with the following:

(1) The servicing shall be performed in accordance with the original equipment manufacturer's instructions and information included in the listing information, applicable industry standards, or as approved by the authority having jurisdiction.

(2) The servicing shall be performed using identified replacement parts that are verified under applicable product standards. The replacement parts shall comply with at least one of the following:

(3) _ Be provided by the original equipment manufacturer

(4) _ Be designed by an engineer experienced in the design of replacement parts for the type of equipment being serviced

(5) _ Be approved by the authority having jurisdiction

Informational Note No. 1 : For equipment that is not listed or field labeled, or for which components are no longer available from the original equipment manufacturer, one way to determine suitability is to review the documentation that accompanies the replacement parts.

Informational Note. No 2: See NFPA 70B, Recommended Practice for Electrical Equipment Maintenance, for information related to corrective, preventive, predictive maintenance for electrical, electronic, and communication systems and equipment.

Statement of Problem and Substantiation for Public Input

The scope of NFPA 70B has been revised to add "corrective and predictive maintenance" in addition to "preventive maintenance".
During the installation of equipment, servicing of equipment may be required to preserve or restore operational performance of equipment.
The proposed new Informational Note No. 2 references NFPA 70B for information related to corrective and predictive maintenance of equipment.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1025-NFPA 70-2026 [Section No. 90.2(C)]	

Submitter Information Verification

Submitter Full Name: Daniel Neeser
Organization: Eatonâ€™s Bussmann Division
Street Address:
City:
State:
Zip:

Submittal Date: Tue Jan 27 13:47:33 EST 2026
Committee: NEC-P01

Public Input No. 2653-NFPA 70-2026 [Section No. 110.20]

110.20 ~~Reconditioned Equipment~~ Reconditioning .

~~Reconditioned equipment shall be permitted except where prohibited elsewhere in this code. Equipment that is restored~~ Reconditioning of equipment, conductors and wiring methods shall comply with this section.

Informational Note: See the XXX.3 sections for requirements on the use of products that have been reconditioned.

(A) General

Restoration to operating condition shall be

~~reconditioned~~

performed with identified replacement parts and verified under applicable standards that are either provided by the original

~~equipment~~

manufacturer or that are designed by an engineer experienced in the design of replacement parts for the

~~type of equipment~~

product being reconditioned.

Informational Note: See Article 100 for the definition of

~~*equipment*~~

e *quipment and wiring methods* .

(~~A~~ B) ~~Equipment~~ **Required to Be Listed.**

Equipment that is reconditioned and required by this code to be listed shall be listed or field labeled as reconditioned using available instructions from the original equipment manufacturer.

~~(B)~~ ~~Equipment Not~~ C) Not **Required to Be Listed** .

~~Equipment that is reconditioned and not~~ Where a product is not required by this code to be listed, it shall comply with one of the following:

(1) Be ~~listed or~~ field labeled as reconditioned

(2) ~~Have the reconditioning performed~~ Be listed as reconditioned

(3) Be reconditioned in accordance with the original ~~equipment~~ manufacturer instructions

(~~C~~ D) Approved Equipment.

If the options specified in 110.20(~~A~~ B) or 110.20(~~B~~ C) are not available, the authority having jurisdiction shall be permitted to approve ~~reconditioned equipment, and~~ installation of the reconditioned product and the reconditioner shall provide the authority having jurisdiction with documentation of the changes to the product.

Additional Proposed Changes

File Name	Description	Approved
PI_upload_for_Revisions_to_110.20.docx	Word doc for revisions to 110.20	

Statement of Problem and Substantiation for Public Input

This Public Input is being submitted on behalf of the NEC Correlating Committee Recondition Task Group which includes Paul Grein, Scott Harding, David Hittinger, Dan Hook, Christel Hunter, David Kendall, Robert Osborne and David Williams. There are two other companion Public Inputs: a revised definition for Reconditioned Equipment and a new definition, Wiring Methods.

The section title is revised from “Reconditioned Equipment” to “Reconditioning” to reflect the broadening of scopa and to reflect that it is describing a process. “Conductors” and “wiring methods” were added to reflect that reconditioning requirements in this section apply to those items. The “(A) General” subsection was created to identify the overall requirements for all reconditioning. Subsequent list items were re-lettered to reflect the addition of the new subsection. Each subsection was revised to remove the limiting reference of “equipment.” The informational note is revised to reflect the addition of “wiring methods.” For clarity, new (C) is revised in list format.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2660-NFPA 70-2026 [Definition: Reconditioned Equipment.]	
Public Input No. 2662-NFPA 70-2026 [New Definition after Definition: Wiring Device.]	
Public Input No. 2660-NFPA 70-2026 [Definition: Reconditioned Equipment.]	
Public Input No. 2662-NFPA 70-2026 [New Definition after Definition: Wiring Device.]	

Submitter Information Verification

Submitter Full Name: G Scott Harding
Organization: FB Harding
Affiliation: Independent Electrical Contractors
Street Address:
City:
State:
Zip:

Submittal Date: Sat Apr 04 16:49:21 EDT 2026
Committee: NEC-P01

110.20 ~~Reconditioned Equipment~~ Reconditioning.

~~Reconditioned equipment~~ Reconditioning of equipment, conductors and wiring methods shall ~~be permitted except where prohibited elsewhere in this Code~~ comply with this section. ~~Equipment that is restored to operating condition shall be reconditioned with identified replacement parts, verified under applicable standards, that are either provided by the original equipment manufacturer or that are designed by an engineer experienced in the design of replacement parts for the type of equipment being reconditioned.~~

Informational Note: See the XXX.3 sections for requirements on the use of products that have been reconditioned.

(A) General

Restoration to operating condition shall be performed with identified replacement parts and verified under applicable standards that are either provided by the original manufacturer or that are designed by an engineer experienced in the design of replacement parts for the product being reconditioned.

Informational Note: See Article 100 for the definitions of equipment and wiring methods

~~(A)~~(B) ~~Equipment~~ Required to Be Listed

~~Equipment that is reconditioned and~~ Where a product is required by this Code to be listed, it shall be listed or field labeled as reconditioned using available instructions from the original ~~equipment~~ manufacturer.

~~(B)~~ (C) ~~Equipment~~ Not Required to Be Listed.

~~Equipment that is reconditioned and~~ Where a product is not required by this Code to be listed it shall comply with one of the following:

(1) Be ~~listed or~~ field labeled as reconditioned

(2) Be listed as reconditioned

(~~2~~ 3) ~~Have the reconditioning~~ Be reconditioned ~~performed~~ in accordance with the original ~~equipment~~ manufacturer instructions

~~(C)~~ (D) Approved Equipment.

If the options specified in 110.20(~~A~~ B) or (~~B~~ C) are not available, the authority having jurisdiction shall be permitted to approve installation of the reconditioned product ~~reconditioned equipment~~, and the reconditioner shall provide the authority having jurisdiction with documentation of the changes to the product.

Public Input No. 904-NFPA 70-2026 [Section No. 110.20(B)]

(B) Equipment Not Required to Be Listed.

Equipment that is reconditioned and not required by this code to be listed shall comply with one of the following:

(1) ~~Be listed or field~~ Field labeled as reconditioned

(2) Have the reconditioning performed in accordance with the original equipment manufacturer instructions

Statement of Problem and Substantiation for Public Input

The charging paragraph for 110.20(B) indicates that the equipment may not be listed. If there is no listing requirement you cannot require a listing in Item 1.

Submitter Information Verification

Submitter Full Name: Dennis Querry
Organization: Trinity River Authority of Tex
Street Address:
City:
State:
Zip:

Submittal Date: Thu Feb 05 14:49:47 EST 2026
Committee: NEC-P01

Public Input No. 2873-NFPA 70-2026 [Section No. 110.20 [Excluding any Sub-Sections]]

Reconditioned equipment shall be permitted except where prohibited elsewhere in this code. Equipment that is restored to operating condition shall be reconditioned with identified replacement parts and verified under applicable standards that are either provided by the original equipment manufacturer or that are designed by an engineer experienced in the design of replacement parts for the type of equipment being reconditioned.

Informational Note: See Article 100 for the definition of *equipment*.

Informational Note: Equipment that is relocated within or between facilities is not considered to be reconditioned.

Statement of Problem and Substantiation for Public Input

The code is unclear how equipment, in good working order, should be treated if relocated to a different facility and re-installed per the code and the
equipment's listing. This process of moving equipment is common in process industries where the "line," including the associated electrical system, is
relocated from one production facility to another. This change recommends clarifying that such equipment does not fall under the category of reconditioning. The requirements of the code such as suitability for installation such as NEC 110.2 and 110.3 would still apply to the re-installation.

Submitter Information Verification

Submitter Full Name: Samuel Fopma
Organization: Interstates
Street Address:
City:
State:
Zip:

Submittal Date: Mon Apr 06 17:28:43 EDT 2026
Committee: NEC-P01

Public Input No. 380-NFPA 70-2025 [Section No. 110.21(A)(1)]

(1) General.

The manufacturer’s name, trademark, or other descriptive marking by which the organization responsible for the product can be identified shall be applied or affixed onto all electrical equipment. Other markings that indicate voltage, current, wattage, or other ratings shall be provided as specified elsewhere in this code. The marking shall be of sufficient durability to withstand the environment involved. Any field-applied markings shall not damage the equipment or obscure the manufacturer's markings.

Additional Proposed Changes

File Name	Description	Approved
DSCN0695.JPG	Circuit breaker markings obscured by yellow paint	

Statement of Problem and Substantiation for Public Input

Sections 760.41(B) and 760.121(B)(4) both have requirements prohibiting any field-applied markings or identifiers from damaging the equipment and obscuring the manufacturer's markings as applicable to branch circuits supplying power for fire alarm circuits. This is a great idea and should be applied to circuits other than those for fire alarm circuits. This should be a general requirement for all equipment. Equipment markings should never be obscured.

Submitter Information Verification

Submitter Full Name: Russ Leblanc
Organization: LeBlanc Consulting Services
Street Address:
City:
State:
Zip:

Submittal Date: Sun Dec 14 10:06:31 EST 2025
Committee: NEC-P01

EC AH-1

UNIT #3

UNIT 2

UNIT ONE

E-LIGHT

BOILE

UNIT #1

Light

GAS

5 · 6

7 · 8

9 · 10

11 · 12

13 · 14

15 · 16

1 Pole Type MP-T Interrupting Rating MAX. RMS. SYM. AMPS. 10,000 120/240 V.A.C. HACR Type. SWD. 40°C Listed Cir. Brr. L-4448 E82615

CU/AL 60/75°C WIRE AWG. 14-10 IN. LBS. 25

TEST

ON

OFF

Westinghouse Type BR115 20-240 V AC Cu/Al SWD HACR Type Listed Cir. 13kA 1 Pole 1-4620 7819-S-92 0316 LR48907

GENERAL SWITCH Type GAB

11.16.2019

Public Input No. 2993-NFPA 70-2026 [Section No. 110.21(A)(2)]

(2) Reconditioned Equipment.

Reconditioned equipment shall be marked with the following:

(1) Name, trademark, or other descriptive marking of the organization that performed the reconditioning

(2) The date of the reconditioning

(3) The term *reconditioned* or other approved wording or symbol indicating that the equipment has been reconditioned

The original listing mark shall be removed or made permanently illegible. The equipment nameplate shall not be required to be removed or made permanently illegible, only the part of the nameplate that includes the listing mark, if applicable. Approval of the reconditioned equipment shall not be based solely on the equipment's original listing.

Exception: In industrial occupancies, where conditions of maintenance and supervision ensure that only qualified persons service the equipment, the markings indicated in 110.21(A)(2) shall not be required for equipment that is reconditioned by the owner or operator as part of a regular equipment maintenance program.

~~Informational Note No. 1: ANSI-approved standards are available for application of reconditioned and refurbished equipment.~~

~~Informational Note No. 2: The term *reconditioned* may be interchangeable with the terms *rebuilt* , *refurbished* , or *remanufactured* even though these are sometimes different processes.~~

Statement of Problem and Substantiation for Public Input

The formatting and structure of the informational notes do not comply with the NEC Style Manual 2.1.10.3 to "See", "Referenced Standard", "Standard Title", "Section Number", Explanation of the Reference". The notes can deleted or relocated to Annex A if the panel wants to maintain the information.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: Independent Electrical Contractors
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 14:31:40 EDT 2026
Committee: NEC-P01

Public Input No. 2936-NFPA 70-2026 [Section No. 110.21(B)]

(B) Field-Applied Hazard Markings.

Where caution, warning, or danger hazard markings such as labels or signs are required by this code, the markings shall meet the following requirements:

(1) The marking shall be visible after installation.

(2) The marking shall be of sufficient durability to withstand the environment involved and warn of the hazards using effective words, colors, symbols, or any combination thereof.

Informational Note No. 1: See ANSI Z535.2, *Environmental and Facility Safety Signs*, which describes the design, application, and use of safety signs in facilities and in the environment.

Informational Note No. 2: See ANSI Z535.4, *Product Safety Signs and Labels*, which details the design, application, use, and placement of safety signs and labels on a wide variety of products.

(3) The marking shall be permanently affixed to the equipment or wiring method and shall not be handwritten.

Exception to (2): Portions of the markings that are variable, or that could be subject to changes, shall be permitted to be handwritten and shall be legible.

Statement of Problem and Substantiation for Public Input

Section 110.21(B) does not require the field applied label to be visible after installation. Several code requirements reference or point to the general field marking requirements in 110.21(B). However, many of the other code sections that point to 110.21(B) do not provide specific language that requires the marking to be visible and just assume 110.21(B) has it covered. Alternatively, some of the other code sections will point to the marking requirements in 110.21(B) and then create code language in the pointer section that requires the field label to be visible after installation.
Under the current language the field label could be installed on the back of the equipment and hidden upon installation.
This PI seeks to remedy this gap by adding a new list item (1) in subdivision (B) that requires the field marking to be visible after installation. The other list items were numbered accordingly.

Submitter Information Verification

Submitter Full Name: Kyle Krueger
Organization: NECA
Affiliation: NECA
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 11:29:43 EDT 2026
Committee: NEC-P01

Public Input No. 3474-NFPA 70-2026 [Section No. 110.21(B)]

(B) Field-Applied ~~Hazard~~ Markings.

Where caution, warning, or danger ~~hazard markings~~ markings, or other markings required by this Code to comply with 110.21(B), such as labels or signs, are required~~ by this code~~ , the markings shall meet the following requirements:

(1) The marking shall be of sufficient durability to withstand the environment involved and warn of the hazards using effective words, colors, symbols, or any combination thereof.

Informational Note No. 1: See ANSI Z535.2, *Environmental and Facility Safety Signs*, which describes the design, application, and use of safety signs in facilities and in the environment.

Informational Note No. 2: See ANSI Z535.4, *Product Safety Signs and Labels*, which details the design, application, use, and placement of safety signs and labels on a wide variety of products.

(2) The marking shall be permanently affixed to the equipment or wiring method and shall not be handwritten.

Exception to (2): Portions of the markings that are variable, or that could be subject to changes, shall be permitted to be handwritten and shall be legible.

Statement of Problem and Substantiation for Public Input

The title and text of 110.21(B) presently indicate that the section applies to field-applied "hazard" markings, specifically caution, warning, or danger markings. However, the NEC also includes sections that require compliance with 110.21(B) for other than hazard markings.

For example, 430.98(A) requires a feeder-supplied motor control center to be marked with the identification and location of the means necessary to disconnect all power to the motor control center, and requires that marking to comply with 110.21(B). This is an informational or identification marking, not necessarily a caution, warning, or danger hazard marking.

In contrast, 702.7(A) requires permanent placards, labels, or directories to indicate the type and location of optional standby power sources and associated disconnecting means. These markings are similar in function and informational purpose to those required in 430.98(A), yet 702.7(A) does not specifically require compliance with 110.21(B).

These examples demonstrate that 110.21(B) is applied to markings beyond hazard markings, while similar markings elsewhere in the Code are not consistently required to comply with it. As written, 110.21(B) does not clearly describe this broader application, creating a mismatch between the markings identified in the section and how it is used throughout the NEC.

The revision clarifies that 110.21(B) applies to caution, warning, or danger markings and also to other markings where another Code section specifically requires compliance with 110.21(B). This does not expand the requirements to all field-applied markings in the NEC, but instead clarifies applicability where explicitly referenced.

This revision improves clarity, consistency, and enforceability without changing the technical requirements for durability, permanence, or legibility.

Submitter Information Verification

Submitter Full Name: Jeffrey Simpson

Organization: ElectricalLicenseRenewal.com

Street Address:
City:
State:
Zip:
Submittal Date: Thu Apr 09 09:36:46 EDT 2026
Committee: NEC-P01

Public Input No. 3537-NFPA 70-2026 [Section No. 110.21(B)]

(B) Field-Applied Hazard Markings.

Where caution, warning, or danger hazard markings such as labels or signs are required by this code, the markings shall meet the following requirements:

(1) The marking shall be of sufficient durability to withstand the environment involved and warn of the hazards using effective words, colors, symbols, or any combination thereof.

Informational Note No. 1: See ANSI Z535.2, *Environmental and Facility Safety Signs*, which describes the design, application, and use of safety signs in facilities and in the environment.

Informational Note No. 2: See ANSI Z535.4, *Product Safety Signs and Labels*, which details the design, application, use, and placement of safety signs and labels on a wide variety of products.

Informational Note No. 3: See UL 969, Marking and Labeling Systems, which establishes requirements for evaluating the durability, adhesion, and legibility of labels used on products.

(2) The marking shall be permanently affixed to the equipment or wiring method and shall not be handwritten.

Exception to (2): Portions of the markings that are variable, or that could be subject to changes, shall be permitted to be handwritten and shall be legible.

Additional Proposed Changes

File Name	Description	Approved
Field_marking_examples.docx	Field applied hazard marking examples	

Statement of Problem and Substantiation for Public Input

The provisions currently contained in NEC Section 110.21(B) do not appear sufficient to ensure that field-applied hazard markings meet appropriate requirements for durability, legibility, and adhesion to surfaces for a product of such importance. Examples of labels in the field that have questionable durability and legibility are shown in the attached file.

Hazard markings are intended to communicate residual risks present in the field and often represent the last measure available to warn workers about potential hazards. As such, their reliability and long-term readability are essential for maintaining an adequate level of safety.

For this reason, warning markings intended to reduce injuries should be required to comply with existing consensus standards. Relevant standards already exist, including ANSI Z535.2 and ANSI Z535.4, which define requirements for the design, application, and use of safety signs and labels.

In addition, UL 969, Marking and Labeling Systems, establishes requirements for the materials used for labels and markings, including durability testing (temperature, humidity, chemicals, oils, abrasion, aging, and UV resistance), adhesion testing for adhesive labels, and verification of long-term print permanence without fading or loss of legibility. However, the current edition of the NEC does not reference UL 969, and the ANSI standards are mentioned without being identified as mandatory requirements.

Given the critical safety function of hazard markings, consideration should be given to requiring that hazard markings addressed in Section 110.21(B) be evaluated and certified in accordance with an applicable marking and labeling standard, such as UL 969.

Certification according to UL 969 already exists (UL Category Control Numbers PGDQ2 and PGDQ8), providing a recognized framework for evaluating the performance of marking and labeling systems. Unfortunately, this is a component certification that comes with conditions where field verification of conformity may not be possible. As such, including a listing requirement for compliance with UL 969 or other established standards for marking and labeling seems not possible. Referencing compliance with UL 969 or other established standards as an alternative is also not possible as the NEC Style Manual does not

allow references to other standards in mandatory language. Therefore it is proposed to add an Informational Note to 110.21(B) to make code users aware that a standard exists that provides requirements for evaluating the durability, adhesion, and legibility of labels used on products.

Submitter Information Verification

Submitter Full Name: John Kovacik
Organization: Trusted Safety Solutions
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 12:03:33 EDT 2026
Committee: NEC-P01

These are two of many such markings found in the field. They do not comply with the requirements of ANSI Z535 nor with those of UL 969.





Public Input No. 3024-NFPA 70-2026 [Section No. 110.22(C)]

(C) Tested Series Combination Systems.

Equipment enclosures for circuit breakers or fuses applied in compliance with the series combination ratings marked on the equipment by the manufacturer in accordance with 240.86(B) shall be legibly marked in the field to indicate the equipment has been applied with a series combination rating. The marking shall meet the requirements in 110.21(B) and shall be readily visible and state the following:

CAUTION — SERIES COMBINATION SYSTEM RATED ____ AMPERES. IDENTIFIED REPLACEMENT COMPONENTS REQUIRED.

Informational Note: See IEEE 3004.5-~~2014~~ 2025 *Recommended Practice for the Application of Low-Voltage Circuit Breakers in Industrial and Commercial Power Systems*, for further information on series tested systems.

Statement of Problem and Substantiation for Public Input

The reference to IEEE 3004.5 is outdated and revised to reflect the 2025 edition of the standard.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: Independent Electrical Contractors
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 15:32:47 EDT 2026
Committee: NEC-P01

Public Input No. 1869-NFPA 70-2026 [Section No. 110.23]

~~**110.23** Current Transformers.~~

~~Unused current transformers associated with potentially energized circuits shall be short-circuited.~~

Statement of Problem and Substantiation for Public Input

This recommendation relocates 110.23 as a subdivision in 110.12. This requirement is better suited as a "mechanical execution of work" requirement - the section title of 110.12

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1871-NFPA 70-2026 [New Section after 110.12]	Relocated requirement.
Public Input No. 1871-NFPA 70-2026 [New Section after 110.12]	
Public Input No. 3168-NFPA 70-2026 [Section No. 110.29]	
Public Input No. 3173-NFPA 70-2026 [Section No. 110.39]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 24 15:49:06 EDT 2026
Committee: NEC-P01

Public Input No. 3170-NFPA 70-2026 [Section No. 110.23]

110.

~~23 Current Transformers.~~

~~Unused current transformers associated with potentially energized circuits shall be short-circuited~~

23 In Sight From (Within Sight From, Within Sight).

Where this code specifies that equipment shall be “in sight from,” “within sight from,” or “within sight of” a building or structure or other equipment, the specified equipment shall be visible and not more than 15 m (50 ft) from the building, structure, or other equipment .

Statement of Problem and Substantiation for Public Input

Relocate 110.29 and 110.39 to 110.23. Section 110.23 is in Part I., General, which would eliminate the redundant 110.29 (Part II) and 110.39 (Part III) redundancy.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3168-NFPA 70-2026 [Section No. 110.29]	
Public Input No. 3173-NFPA 70-2026 [Section No. 110.39]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 11:09:23 EDT 2026
Committee: NEC-P01

Public Input No. 3409-NFPA 70-2026 [Section No. 110.24]

110.24 Available Fault Current.

(A) Field Marking.

Service equipment at other than dwelling units shall be legibly marked in the field with the available fault current. The field markings shall include the date the fault-current calculation was performed and comply with 110.21(B). The calculation shall be documented and made available to those authorized to design, install, inspect, maintain, or operate the system.

Informational Note No. 1: The available fault-current markings addressed in 110.24are related to required short-circuit current and interrupting ratings of equipment.

Informational Note No. 2: Values of available fault current for use in determining appropriate minimum short-circuit current and interrupting ratings of service equipment are available from electric utilities in published or other forms.

(B) Modifications.

When modifications to the electrical installation occur that affect the available fault current at the service, the available fault current shall be verified or recalculated as necessary to ensure the service equipment ratings are sufficient for the available fault current at the line terminals of the equipment. The required field markings in 110.24(A) shall be adjusted to reflect the new level of available fault current.

Exception 1 : The field marking requirements in 110.24(A) and 110.24(B) shall not be required in industrial installations where conditions of maintenance and supervision ensure that only qualified persons service the equipment.

Exception 2: The requirements in 110.24(B) shall not apply to incremental replacement of faulty equipment on systems below 400 amps, where the replacement equipment has a service equipment rating equal to or greater than the replaced equipment.

Statement of Problem and Substantiation for Public Input

We wish to have the freedom to replace old unsafe equipment on older buildings where the other service equipment ratings are unknown due to age. We've had pushback from AHJ's saying we have to recalculate the available fault current on breaker changes, when that recalculation is all but impossible due to the age of the other components of the system.

The substantiation for serious incidents due to AFC at least in residential systems is thin.

The barriers placed on unsafe breaker replacement slow the bigger goal, which is to get those breakers out of systems.

Submitter Information Verification

Submitter Full Name: Bryce Nesbitt

Organization: EV PLugbox LLC

Affiliation: Member of the Panel Optimization Work & Electrical Reassessments group, Build It Green POWER

Street Address:

City:

State:

Zip:

Submittal Date: Thu Apr 09 02:49:36 EDT 2026
Committee: NEC-P01

Public Input No. 88-NFPA 70-2025 [Section No. 110.24]

110.24 Available Fault Current.

(A) Field Marking.

Service equipment at other than dwelling units shall be legibly marked in the field with the available fault current. The field markings shall include the date the fault-current calculation was performed and comply with 110.21(B). The calculation shall be documented and made available to those authorized to design, install, inspect, maintain, or operate the system.

Informational Note No. 1: The available fault-current markings addressed in 110.24are related to required short-circuit current and interrupting ratings of equipment.

Informational Note No. 2: Values of available fault current for use in determining appropriate minimum short-circuit current and interrupting ratings of service equipment are available from electric utilities in published or other forms.

(B) Modifications.

When modifications to the electrical installation occur that affect the available fault current at the service, the available fault current shall be verified or recalculated as necessary to ensure the service equipment ratings are sufficient for the available fault current at the line terminals of the equipment. The required field markings in 110.24(A) shall be adjusted to reflect the new level of available fault current.

~~*Exception: The field marking requirements in 110.24(A) and 110.24(B) shall not be required in industrial installations where conditions of maintenance and supervision ensure that only qualified persons service the equipment.*~~

Statement of Problem and Substantiation for Public Input

These markings are required in 480.6 for switchboards, switchgear, and panelboards; and no relief for idustrial settings is given there. That means this exception cannot be used if the service equipment is any of those types of equipment, so what does this except do? Its application is so narrow that it is no longer worth retaining. Furthermore, knowing the available fault current is essential for a proper installation regardless of the type of facility. Why would I not need to know it an industrial site? These facilities can have the largest amount of avaialble fault current, and not knowing that value could result in catastrophe.

Submitter Information Verification

Submitter Full Name: Ryan Jackson
Organization: Ryan Jackson Electrical Training
Street Address:
City:
State:
Zip:

Submittal Date: Mon Oct 13 13:35:10 EDT 2025
Committee: NEC-P01

Public Input No. 2899-NFPA 70-2026 [Section No. 110.24(A)]

(A) Field Marking.

Service equipment and PV disconnects that are installed on the supply side of services at other than dwelling units shall be legibly marked in the field with the available fault current. The field markings shall include the date the fault-current calculation was performed and comply with 110.21(B). The calculation shall be documented and made available to those authorized to design, install, inspect, maintain, or operate the system.

Informational Note No. 1: The available fault-current markings addressed in 110.24are related to required short-circuit current and interrupting ratings of equipment.

Informational Note No. 2: Values of available fault current for use in determining appropriate minimum short-circuit current and interrupting ratings of service equipment are available from electric utilities in published or other forms.

Statement of Problem and Substantiation for Public Input

PV disconnects are often installed on the supply side of service equipment and are subbject to similar fault current and should therefore be required to have the available fault current listed on them.

Submitter Information Verification

Submitter Full Name: MARK RHOTON
Organization: NA
Affiliation: Master Electrician
Street Address:
City:
State:
Zip:

Submittal Date: Mon Apr 06 19:54:59 EDT 2026
Committee: NEC-P01

Public Input No. 3041-NFPA 70-2026 [Section No. 110.24(A)]

(A) Field Marking.

~~Service equipment~~ If electrical equipment is required to be marked with a short-circuit current rating, at other than dwelling units, the available fault current shall be ~~legibly~~ field marked in ~~the field with the available fault current.~~ a readily accessible location on the enclosure exterior. The field markings shall include the date the fault-current calculation was performed and comply with 110.21(B). The calculation shall be documented and made available to those authorized to design, install, inspect, maintain, or operate the system.

Informational Note No. 1: The available fault-current markings addressed in 110.24are related to required short-circuit current and interrupting ratings of equipment.

Informational Note No. 2: Values of available fault current for use in determining appropriate minimum short-circuit current and interrupting ratings of service equipment are available from electric utilities in published or other forms.

Statement of Problem and Substantiation for Public Input

Throughout the code, the available fault current is required to be marked on electrical equipment. To simplify and reduce wording, move the available fault current marking requirement to general requirements for all electrical equipment that requires a short circuit current rating.

Submitter Information Verification

Submitter Full Name: Joseph Pavia
Organization: Eaton Bussmann Business
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 16:33:40 EDT 2026
Committee: NEC-P01

Public Input No. 3039-NFPA 70-2026 [Section No. 110.24(B)]

(B) Modifications.

When modifications to the electrical installation occur that affect the available fault current at the service, the available fault current shall be verified or recalculated as necessary to ensure the service equipment ratings are sufficient for the available fault current at the line terminals of the equipment. The required field markings in 110.24(A) shall be adjusted to reflect the new level of available fault current.

~~*Exception: The field marking requirements in 110.24(A) and 110.24(B) shall not be required in industrial installations where conditions of maintenance and supervision ensure that only qualified persons service the equipment.*~~

Statement of Problem and Substantiation for Public Input

To increase electrical safety and proper installation, the available fault current should be required to be field marked on the exterior of all electrical equipment; commercial and industrial. Since industrial facilities are required to conduct arc flash analysis, the available fault current is calculated and should be incorporated on to the Arc Flash label. The available fault current markings would be consistent with other Articles of the code such as switchgear (408.6), switchboards (408.6), panel boards (408.6), DC Busway (480.7(F)), elevator control panels (620.51(D)(1)), Industrial Machinery (670.5(B)), Energy Storage System (ESS) (706.15(C)), stationary standby battery system (706.15(E)(4)). This proposal will increase safety and reduce improper installations for those required to work on and around the industrial control panel.

Submitter Information Verification

Submitter Full Name: Joseph Pavia
Organization: Eaton Bussmann Business
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 16:28:45 EDT 2026
Committee: NEC-P01

Public Input No. 187-NFPA 70-2025 [Section No. 110.25]

110.25 Lockable Disconnecting Means.

If a disconnecting means is required to be lockable open or closed, elsewhere in this code, it shall be capable of being locked in the open or closed position, respectively . The provisions for locking shall remain in place with or without the lock installed.

Exception: Locking provisions for a cord and plug connection shall not be required to remain in place without the lock installed.

Statement of Problem and Substantiation for Public Input

There are sections in the Code that require locking in the closed position. A circuit breaker for a fire alarm panel, when the circuit breaker is accessible to other than qualified personnel. Also, in some situations with emergency lighting, the circuit breaker is required to be locked closed.

Submitter Information Verification

Submitter Full Name: Eric Stromberg
Organization: Los Alamos National Laboratory
Affiliation: Self
Street Address:
City:
State:
Zip:

Submittal Date: Thu Nov 06 20:41:25 EST 2025
Committee: NEC-P01

Public Input No. 3525-NFPA 70-2026 [Section No. 110.25]

110.25 Locked and Lockable Equipment and Disconnecting Means.

If electrical equipment is installed in a readily accessible location accessible to unqualified persons, any enclosure door or hinged cover of the equipment or disconnecting means enclosure that exposes energized parts when open shall have its door or cover locked or require a tool to be opened.

A. Capable of Being Locked

If a disconnecting means or equipment is required to be lockable open elsewhere in this code, it shall be capable of being locked in the open position. The provisions for locking shall remain in place with or without the lock installed.

Exception: Locking provisions for a cord and plug connection shall not be required to remain in place without the lock installed.

Informational Note: Barriers required in services, feeder taps, or transformer secondary conductors would be protected from exposed energized parts. Adding a cable tie, meter seal, or bolt and nut fastener to the equipment access point would require a tool and also be protected from exposed energized parts.

Statement of Problem and Substantiation for Public Input

This public input is being submitted on behalf of the Minnesota Department of Labor and Industry. Currently, the Department's electrical inspection staff includes 15 office/field staff, 77 state field electrical inspectors and 11 virtual inspectors that completed over 190,000 electrical inspections in 2025.

Many installations of electrical equipment or disconnecting means are installed where unqualified personnel could access the equipment. Section 440.11 added language in the 2026 cycle to require HVAC disconnects to be locked where unqualified personnel could access energized parts without using a tool to gain access. This was similar to NEC 2023 section 690.13(A)(2) for PV systems. Section 690.13(B) now states lockable open but refers to 110.25 requiring it to only be capable of being locked. We have other equipment such as feeder disconnects or terminal boxes that are accessible to unqualified personnel but generally do not require the enclosure to be locked. Revising this section will help keep the public safe in requiring equipment to be locked where unqualified personnel could access exposed energized components.

Submitter Information Verification

Submitter Full Name: Luke Nemeth
Organization: Minnesota Department of Labor
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 11:17:51 EDT 2026
Committee: NEC-P01

Public Input No. 1168-NFPA 70-2026 [Section No. 110.26(A)]

(A) Working Space.

Working space for equipment likely to require examination, adjustment, servicing, or maintenance while energized shall comply with the dimensions of 110.26(A)(1), 110.26(A)(2), 110.26(A)(3), and 110.26(A)(4) or as required or permitted elsewhere in this code. ~~By special permission, smaller working spaces shall be permitted where all exposed live parts operate at not greater than 30 volts rms, 42 volts peak, or 60 volts dc.~~

Informational Note: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for guidance, such as determining severity of potential exposure and planning safe work practices including establishing an electrically safe work condition, arc flash labeling, and selecting personal protective equipment.

(1) Depth of Working Space.

The depth of the working space in the direction of live parts shall not be less than that specified in Table 110.26(A)(1) unless the requirements of 110.26(A)(1)(a)or 110.26(A)(1)(b) are met. Distances shall be measured from the enclosure front or opening, if such live parts are enclosed.

Table 110.26(A)(1) Working Spaces

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
0–150 ac or dc	900 mm (3 ft)	900 mm (3 ft)	900 mm (3 ft)
151–600 ac or dc	900 mm (3 ft)	1.0 m (3 ft 6 in.)	1.2 m (4 ft)
601–1000 ac or 601–1500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed or enclosed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

(a) *Dead-Front Assemblies.* Working space shall not be required in the back or sides of assemblies, such as dead-front switchboards, switchgear, or motor control centers, where all connections and all renewable or adjustable parts, such as fuses or switches, are accessible from locations other than the back or sides. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum horizontal working space of 762 mm (30 in.) shall be provided.

(b) *Existing Buildings.* In existing buildings where electrical equipment is being replaced, Condition 2 working clearance shall be permitted between dead-front switchboards, switchgear, enclosed panelboards, or motor control centers located across the aisle from each other where conditions of maintenance and supervision ensure that written procedures have been adopted to prohibit equipment on both sides of the aisle from being open at the same time and qualified persons who are authorized will service the installation.

(2) Width of Working Space.

The width of the working space in front of the electrical equipment shall be the width of the equipment or 762 mm (30 in.), whichever is greater. In all cases, the work space shall permit at least a 90-degree opening of equipment doors or hinged panels.

(3) Height of Working Space.

The work space shall be clear and extend from the grade, floor, or platform to a height of 2.0 m (6½ ft) or the height of the equipment, whichever is greater. Within the height requirements of this section, other equipment or support structures, such as concrete pads, associated with the electrical installation and located above or below the electrical equipment shall be permitted to extend not more than 150 mm (6 in.) beyond the front of the electrical equipment.

Exception No. 1: On battery systems mounted on open racks, the top clearance shall comply with 480.10(D).

Exception No. 2: In existing dwelling units, service equipment or enclosed panelboards that do not exceed 200 amperes shall be permitted in spaces where the height of the working space is less than 2.0 m (6½ ft).

Exception No. 3: Meters that are installed in meter sockets shall be permitted to extend beyond the other equipment. The meter socket shall be required to follow the rules of this section.

(4) Limited Access.

Where equipment likely to require examination, adjustment, servicing, or maintenance while energized is required by installation instructions or function to be located in a space with limited access, all of the following shall apply:

(1) Where equipment is installed above a lay-in ceiling, there shall be an opening not smaller than 559 mm × 559 mm (22 in. × 22 in.), or in a crawl space, there shall be an accessible opening not smaller than 559 mm × 762 mm (22 in. × 30 in.).

(2) The width of the working space shall be the width of the equipment enclosure or a minimum of 762 mm (30 in.), whichever is greater.

(3) All enclosure doors or hinged panels shall be capable of opening a minimum of 90 degrees.

(4) The space in front of the enclosure shall comply with the depth requirements of Table 110.26(A)(1) and shall be unobstructed to the floor by fixed cabinets, walls, or partitions. Space reductions in accordance with 110.26(A) shall be permitted. The maximum height of the working space shall be the height necessary to install the equipment in the limited space. A horizontal ceiling structural member or access panel shall be permitted in this space provided the location of weight-bearing structural members does not result in a side reach of more than 150 mm (6 in.) to work within the enclosure.

(5) Separation from High-Voltage Equipment.

Where switches, cutouts, or other equipment operating at 1000 volts ac, 1500 volts dc, nominal, or less are installed in a vault, room, or enclosure where there are exposed live parts or exposed wiring operating over 1000 volts ac, 1500 volts dc, nominal, the high-voltage equipment shall be effectively separated from the space occupied by the equipment operating at 1000 volts ac, 1500 volts dc, nominal, or less by a suitable partition, fence, or screen.

(6) Grade, Floor, or Working Platform.

The grade, floor, or platform in the required working space shall be kept clear and as level and flat as practical for the entire required depth and width of the working space.

Statement of Problem and Substantiation for Public Input

This public input is submitted on behalf of the NEC-AAC Limited-Energy Task Group. Task Group Members includes: Ernie Gallo, George Zimmerman, Derrick Atkins, Anthony Tassone, Chad Jones, Jeff Noren, Trevor Bowmer, Ronald Tellas, Chris Rawson, Gerry O'Conner and Ryan Jackson.

This PI seeks to delete the last sentence of the charging text in 110.26(A) as new limited-energy specific space and guarding requirements have been established in Article 720.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1169-NFPA 70-2026 [New Section after 720.25]	
Public Input No. 1170-NFPA 70-2026 [New Section after 720.25]	

Submitter Information Verification

Submitter Full Name: Kyle Krueger
Organization: NECA
Affiliation: NECA
Street Address:
City:
State:
Zip:
Submittal Date: Tue Feb 24 12:39:20 EST 2026
Committee: NEC-P01

Public Input No. 1534-NFPA 70-2026 [Section No. 110.26(A)(1)]

(1) Depth of Working Space.

The depth of the working space in the direction of live parts shall not be less than that specified in Table 110.26(A)(1) unless the requirements of 110.26(A)(1)(a)or 110.26(A)(1)(b) are met. Distances shall be measured from the enclosure front or opening, if such live parts are enclosed.

Table 110.26(A)(1) Working Spaces

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
0–150 ac or dc	900 mm (3 ft)	900 mm (3 ft)	900 mm (3 ft)
151–600 ac or dc	900 mm (3 ft)	1.0 m (3 ft 6 in.)	1.2 m (4 ft)
601–1000 ac or 601–1500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed or enclosed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

(a) *Dead-Front Assemblies.* Working space shall not be required in the back or sides of assemblies, such as dead-front switchboards, switchgear, or motor control centers, where all connections and all renewable or adjustable parts, such as fuses or switches, are accessible from locations other than the back or sides. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum horizontal working space of 762 mm (30 in.) shall be provided.

(b) *Existing Buildings.* In existing buildings where electrical equipment is being replaced, Condition 2 working clearance shall be permitted between dead-front switchboards, switchgear, enclosed panelboards, or motor control centers located across the aisle from each other where conditions of maintenance and supervision ensure that written procedures have been adopted to prohibit equipment on both sides of the aisle from being open at the same time and qualified persons who are authorized will service the installation. This shall also apply to equipment sections using interlocking systems where energized access is restricted through mechanical controls.

Statement of Problem and Substantiation for Public Input

This change clarifies that a trap key system with mechanical interlocking, such as what is commonly provided on multi-section PFC units with a grounding switch that prevent the doors from being opened while that section is energized, can be treated as a Condition 2 for the purposes of working space depth.

Submitter Information Verification

Submitter Full Name: Samuel Fopma
Organization: Interstates
Affiliation: IEC Codes & Standards
Street Address:

City:
State:
Zip:
Submittal Date: Mon Mar 16 12:14:32 EDT 2026
Committee: NEC-P01

Public Input No. 1846-NFPA 70-2026 [Section No. 110.26(A)(1)]

(1) Depth of Working Space.

The depth of the working space in the direction of live parts shall not be less than that specified in Table 110.26(A)(1) unless the requirements of 110.26(A)(1)(a)or 110.26(A)(1)(b) are met. Distances shall be measured from the enclosure front or opening, if such live parts are enclosed.

Table 110.26(A)(1) Working Spaces

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
0–150 ac or dc	900 mm (3 ft)	900 mm (3 ft)	900 mm (3 ft)
151–600 ac or dc	900 mm (3 ft)	1.0 m (3 ft 6 in.)	1.2 m (4 ft)
601–1000 ac or 601–1500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)

Note 1 : Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed or enclosed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

Note 2: Where the voltage is a DC buss of a variable frequency drive the maximum voltage between the DC buss shall be considered the maximum voltage

(a) *Dead-Front Assemblies.* Working space shall not be required in the back or sides of assemblies, such as dead-front switchboards, switchgear, or motor control centers, where all connections and all renewable or adjustable parts, such as fuses or switches, are accessible from locations other than the back or sides. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum horizontal working space of 762 mm (30 in.) shall be provided.

(b) *Existing Buildings.* In existing buildings where electrical equipment is being replaced, Condition 2 working clearance shall be permitted between dead-front switchboards, switchgear, enclosed panelboards, or motor control centers located across the aisle from each other where conditions of maintenance and supervision ensure that written procedures have been adopted to prohibit equipment on both sides of the aisle from being open at the same time and qualified persons who are authorized will service the installation.

Statement of Problem and Substantiation for Public Input

The current format of the table lists the voltage to ground but doe not address the DC bus voltage of a VFD where the DC bus with capacitors for smoothing the DC voltage may or may not be grounded. The suggested note would require the maximum voltage of the DC bus to be used for the maximum clear distance.

Submitter Information Verification

Submitter Full Name: Dennis Querry

Organization: Trinity River Authority of Tex

Affiliation: IEC

Street Address:
City:
State:
Zip:
Submittal Date: Mon Mar 23 16:51:58 EDT 2026
Committee: NEC-P01

Public Input No. 2222-NFPA 70-2026 [Section No. 110.26(A)(1)]

(1) Depth of Working Space.

The depth of the working space in the direction of live parts shall not be less than that specified in Table 110.26(A)(1), as modified by the charging language to 110.26 for required egress space, unless the requirements of 110.26(A)(1)(a)or 110.26(A)(1)(b) are met. Distances shall be measured from the enclosure front or opening, if such live parts are enclosed.

Table 110.26(A)(1) Working Spaces

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
0–150 ac or dc	900 mm (3 ft)	900 mm (3 ft)	900 mm (3 ft)
151–600 ac or dc	900 mm (3 ft)	1.0 m (3 ft 6 in.)	1.2 m (4 ft)
601–1000 ac or 601–1500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed or enclosed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

(a) *Dead-Front Assemblies.* Working space shall not be required in the back or sides of assemblies, such as dead-front switchboards, switchgear, or motor control centers, where all connections and all renewable or adjustable parts, such as fuses or switches, are accessible from locations other than the back or sides. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum horizontal working space of 762 mm (30 in.) shall be provided.

(b) *Existing Buildings.* In existing buildings where electrical equipment is being replaced, Condition 2 working clearance shall be permitted between dead-front switchboards, switchgear, enclosed panelboards, or motor control centers located across the aisle from each other where conditions of maintenance and supervision ensure that written procedures have been adopted to prohibit equipment on both sides of the aisle from being open at the same time and qualified persons who are authorized will service the installation.

Statement of Problem and Substantiation for Public Input

The depth distances given in table 110.26(A)(1) do not work when the required egress distance is not provided between open doors. This has been a long-standing table that's been used for decades to determine the distance between equipment and obstructions, but it can't be used independent of the charging language requiring 24 inches between doors for egress. Without changing this application language, we're not going to get consistent application of the text in the charging language.

Submitter Information Verification

Submitter Full Name: Richard Holub

Organization: The DuPont Company, Inc.

Street Address:

City:
State:
Zip:
Submittal Date: Tue Mar 31 13:27:50 EDT 2026
Committee: NEC-P01

Public Input No. 2693-NFPA 70-2026 [Section No. 110.26(A)(1)]

(1) Depth of Working Space.

The depth of the working space in the direction of live parts shall not be less than that specified in Table 110.26(A)(1) unless the requirements of 110.26(A)(1)(a)or 110.26(A)(1)(b) are met. Distances shall be measured from the enclosure front or opening, if such live parts are enclosed.

Table 110.26(A)(1) Working Spaces

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
0–150 ac or dc	900 mm (3 ft)	900 mm (3 ft)	900 mm (3 ft)
151–600 ac or dc	900 mm (3 ft)	1.0 m (3 ft 6 in.)	1.2 m (4 ft)
601–1000 ac or 601–1500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed or enclosed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

(a) *Dead-Front Assemblies.* Working space shall not be required in the back or sides of assemblies, such as dead-front switchboards, switchgear, or motor control centers, where all connections and all renewable or adjustable parts, such as fuses or switches, are accessible from locations other than the back or sides. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum horizontal working space of 762 mm (30 in.) shall be provided.

(b) *Existing Buildings.* In existing buildings where electrical equipment is being replaced, Condition 2 working clearance shall be permitted between dead-front switchboards, switchgear, enclosed panelboards, or motor control centers located across the aisle from each other where conditions of maintenance and supervision ensure that written procedures have been adopted to prohibit equipment on both sides of the aisle from being open at the same time and qualified persons who are authorized will service the installation.

Informational Note: See Part III for circuits with line-to-line voltages over 1000 volts ac or 1500 volts dc.

Statement of Problem and Substantiation for Public Input

This Public Input is submitted on behalf of the High Voltage Task Group established by the Correlating Committee, consisting of Robert Osborne (Chair), Paul Barnhart, Lou Grahor, Donny Cook, Scott Higgins, Mike Querry, Roger McDaniel, Dave Burns, Kevin Rogers, Tony Ricciuti, Paul Knapp, Paul Sullivan, George Smith, Michael O'Connell, Eric Simmon, Kevin Arnold, Larry Wildermuth, Kyle Krueger, Eric Stromberg, Ken Crawford, Rob Roettgers, William Brown, and William Alexander.

In a Related PI, a change is made to Table 110.34(A) addresses the fact that Part III of Article 110 covers systems rated over 1000 Vac, 1500 Vdc (which would include systems where the Voltage to Ground would be over 501 volts ac and 751 volts dc). Table 110.26(A)(1) does cover systems where the voltage to ground is up to 1000 Vac, 1500 Vdc, and in a 2 wire system, this would cover up to these levels; however, in a 3-wire system, the voltage to ground would result in a system that is covered in Part III (i.e., a system

with +800/-800 Vdc would be a 1600 Vdc system). An Informational Note to Table 110.26(A)(1) provides a pointer to Part III, since the “Voltage to Ground” in the table goes to 1000 Vac and 1500 Vdc.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2692-NFPA 70-2026 [Section No. 110.34(A)]	
Public Input No. 2692-NFPA 70-2026 [Section No. 110.34(A)]	

Submitter Information Verification

Submitter Full Name: Robert Osborne
Organization: UL Solutions
Street Address:
City:
State:
Zip:

Submittal Date: Sun Apr 05 09:54:38 EDT 2026
Committee: NEC-P01

Public Input No. 3186-NFPA 70-2026 [Section No. 110.26(A)(1)]

(1) Depth of Working Space.

The depth of the working space in the direction of live parts shall not be less than that specified in Table 110.26(A)(1) unless the requirements of 110.26(A)(1)(a)or 110.26(A)(1)(b) are met. Distances shall be measured from the enclosure front or opening, if such live parts are enclosed.

Table 110.26(A)(1) Working Spaces

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
0–150 ac or dc	900 mm (3 ft)	900 mm (3 ft)	900 mm (3 ft)
151–600 ac or dc	900 mm (3 ft)	1.0 m (3 ft 6 in.)	1.2 m (4 ft)
601–1000 ac or 601–1500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed or enclosed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

(a) *Dead-Front Assemblies.* Working space shall not be required in the back or sides of assemblies, such as dead-front switchboards, switchgear, or motor control centers, where all connections and all renewable or adjustable parts, such as fuses or switches, are accessible from locations other than the back or sides. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum horizontal working space of 762 mm (30 in.) shall be provided.

(b) *Existing Buildings.* In existing buildings where electrical equipment is being replaced, Condition 2 working clearance shall be permitted between dead-front switchboards, switchgear, enclosed panelboards, or motor control centers located across the aisle from each other where conditions of maintenance and supervision ensure that written procedures have been adopted to prohibit equipment on both sides of the aisle from being open at the same time and qualified persons who are authorized will service the installation.

Exception: For listed residential energy storage systems with a rated energy capacity not exceeding 10 kW that are factory sealed with no user serviceable components and are designed for front access only service by qualified persons, the minimum depth of working space shall be permitted to be not less than 750 mm (30 in) in lieu of the distances specidired in table 110.26(A)(1). The equipment shall bear a permanent marking that reads substantially as follows:

CAUTION-FACTORY SEALED EQUIPMENT-SERVICE BY QUALIFIED PERSONS ONLY - MINIMUM 750 MM (30 IN) WORKING SPACE REQUIRED

Statement of Problem and Substantiation for Public Input

The 900 mm (36 in.) working space requirement of Table 110.26(A)(1) was designed for equipment where users or electricians open energized enclosures and work near exposed live parts. Listed residential ESS are factory-sealed with no user-serviceable components — all servicing is performed by the manufacturer's qualified personnel following defined procedures. For this equipment, the 36-inch requirement serves no practical safety purpose beyond accommodating a service technician with the enclosure closed. The 750 mm (30 in.) exception is limited to equipment meeting strict listing, sealing, and ma

Submitter Information Verification

Submitter Full Name: Raymond Horner
Organization: Base Power Company
Street Address:
City:
State:
Zip:
Submittal Date: Wed Apr 08 12:17:40 EDT 2026
Committee: NEC-P01

Public Input No. 3314-NFPA 70-2026 [Section No. 110.26(A)(1)]

(1) Depth of Working Space.

The depth of the working space in the direction of live parts shall not be less than that specified in Table 110.26(A)(1) unless the requirements of 110.26(A)(1)(a)or 110.26(A)(1)(b) are met. Distances shall be measured from the enclosure front or opening, if such live parts are enclosed.

Table 110.26(A)(1) Working Spaces

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
0–150 ac or dc	900 mm (3 ft)	900 mm (3 ft)	900 mm (3 ft)
151–600 ac or dc	900 mm (3 ft)	1.0 m (3 ft 6 in.)	1.2 m (4 ft)
601–1000 ac or 601–1500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed or enclosed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

(a) *Dead-Front Assemblies.* Working space shall not be required in the back or sides of assemblies, such as dead-front switchboards, switchgear, or motor control centers, where all connections and all renewable or adjustable parts, such as fuses or switches, are accessible from locations other than the back or sides. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum horizontal working space of 762 mm (30 in.) shall be provided.

(b) *Existing Buildings.* In existing buildings where electrical equipment is being replaced, Condition 2 working clearance shall be permitted between dead-front switchboards, switchgear, enclosed panelboards, enclosed panel unit(s), or motor control centers located across the aisle from each other where conditions of maintenance and supervision ensure that written procedures have been adopted to prohibit equipment on both sides of the aisle from being open at the same time and qualified persons who are authorized will service the installation.

Statement of Problem and Substantiation for Public Input

The newly defined term "enclosed panel unit(s)" is incorporated into this requirement since it is a defined term. By definition, "enclosed panel units" are panel units which are enclosed.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3302-NFPA 70-2026 [New Definition after Definition: Enclosed.]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance

Street Address:
City:
State:
Zip:
Submittal Date: Wed Apr 08 17:22:19 EDT 2026
Committee: NEC-P01

Public Input No. 3568-NFPA 70-2026 [Section No. 110.26(A)(1)]

(1) Depth of Working Space.

The depth of the working space in the direction of live parts shall not be less than that specified in Table 110.26(A)(1) unless the requirements of 110.26(A)(1)(a)or 110.26(A)(1)(b) are met. Distances shall be measured from the enclosure front or opening, if such live parts are enclosed.

Table 110.26(A)(1) Working Spaces

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
0–150 ac or dc	900 mm (3 ft)	900 mm (3 ft)	900 mm (3 ft)
151–600 ac or dc	900 mm (3 ft)	1.0 m (3 ft 6 in.)	1.2 m (4 ft)
601–1000 ac or 601–1500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed or enclosed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

(a) *Dead-Front Assemblies.* Working space shall not be required in the back or sides of assemblies, such as dead-front switchboards, switchgear, or motor control centers, where all connections and all renewable or adjustable parts, such as fuses or switches, are accessible from locations other than the back or sides. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum horizontal working space of 762 mm (30 in.) shall be provided.

(b) *Existing Buildings.* In existing buildings where electrical equipment is being replaced, Condition 2 working clearance shall be permitted between enclosed assembled panel unit(s), dead-front switchboards, switchgear, enclosed panelboards, or motor control centers located across the aisle from each other where conditions of maintenance and supervision ensure that written procedures have been adopted to prohibit equipment on both sides of the aisle from being open at the same time and qualified persons who are authorized will service the installation.

Statement of Problem and Substantiation for Public Input

The newly defined term "enclosed assembled panel unit(s)" is incorporated into this requirement since it is a defined term. By definition, "enclosed assembled panel units" are essentially, in part, assembled panel units which are enclosed. This requirement now correctly incorporates both the enclosure and what it encloses.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3551-NFPA 70-2026 [New Definition after Definition: Enclosed.]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:
Submittal Date: Thu Apr 09 12:52:15 EDT 2026
Committee: NEC-P01

Public Input No. 386-NFPA 70-2025 [Section No. 110.26(A)(1)]

(1) Depth of Working Space.

The depth of the working space in the direction of live parts shall not be less than that specified in Table 110.26(A)(1) unless the requirements of 110.26(A)(1)(a)or 110.26(A)(1)(b) are met. Distances shall be measured from the enclosure front or opening, if such live parts are enclosed.

Table 110.26(A)(1) Working Spaces

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
0–150 ac or dc	900 mm (3 ft)	900 mm (3 ft)	900 mm (3 ft)
151–600 ac or dc	900 mm (3 ft)	1.0 m (3 ft 6 in.)	1.2 m (4 ft)
601–1000 ac or 601–1500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed or enclosed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

Where more than one condition or nominal voltage exists simultaneously the largest dimension shall be used.

(a) *Dead-Front Assemblies.* Working space shall not be required in the back or sides of assemblies, such as dead-front switchboards, switchgear, or motor control centers, where all connections and all renewable or adjustable parts, such as fuses or switches, are accessible from locations other than the back or sides. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum horizontal working space of 762 mm (30 in.) shall be provided.

(b) *Existing Buildings.* In existing buildings where electrical equipment is being replaced, Condition 2 working clearance shall be permitted between dead-front switchboards, switchgear, enclosed panelboards, or motor control centers located across the aisle from each other where conditions of maintenance and supervision ensure that written procedures have been adopted to prohibit equipment on both sides of the aisle from being open at the same time and qualified persons who are authorized will service the installation.

Additional Proposed Changes

File Name	Description	Approved
Table_110.26_A_1_.png	Condition 2 and 3 exist simultaneously	
110.26_A_1_.png	Multiple nominal voltages exist simultaneously	

Statement of Problem and Substantiation for Public Input

This revision is needed to clarify distances when more than one condition or nominal voltage exists simultaneously. For example: If there are enclosed or exposed live parts AND grounded parts on each side of the working space how do we determine which distance to use? Do we add condition 2 distance and condition 3 distance together? Do we use the larger dimension, or can we use the smaller dimension?

What if there are multiple nominal voltages involved? Which dimension do we use then? The Code presently does not tell us what to do.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 387-NFPA 70-2025 [Section No. 110.34(A)]	working space depth
Public Input No. 387-NFPA 70-2025 [Section No. 110.34(A)]	

Submitter Information Verification

Submitter Full Name: Russ Leblanc
Organization: LeBlanc Consulting Services
Street Address:
City:
State:
Zip:

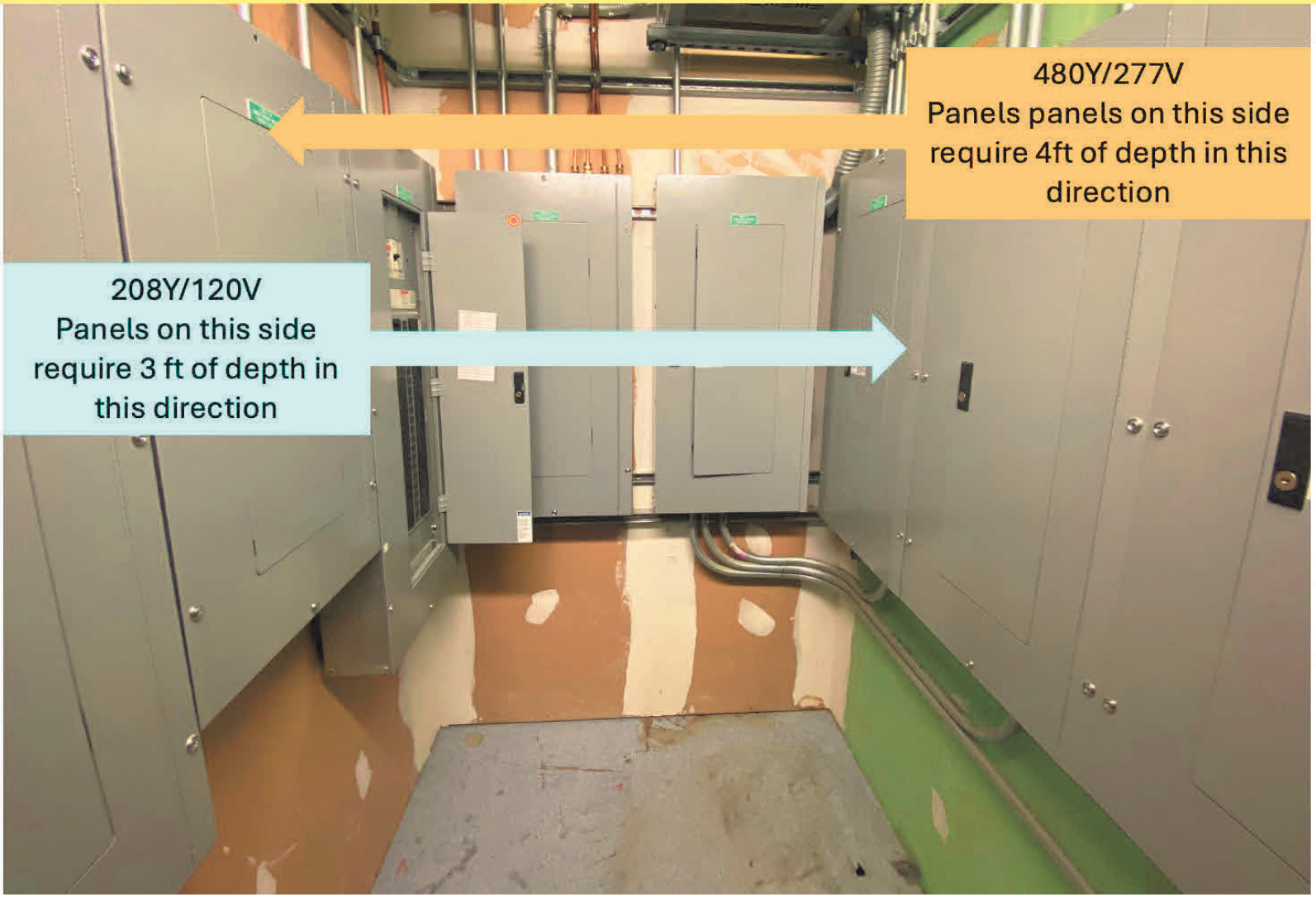
Submittal Date: Sun Dec 14 15:06:20 EST 2025
Committee: NEC-P01

Both Sides of working space have enclosed live parts and grounded parts.
Table 110.26(A)(1) Condition 2 and Condition 3 both exist simultaneously.



Should the distance between equipment be 4ft? Or is it permitted to be 3’ 6’’ since condition 2 exists?
This needs to be clarified!

Which distance from Table 110.26(A)(1) should be used? Do we add the distances together for 7 feet total? Do we use the larger distance, or can we use the smaller distance? This needs to be clarified



Public Input No. 432-NFPA 70-2025 [Section No. 110.26(A)(1)]

(1) Depth of Working Space.

The depth of the working space in the direction of live parts shall not be less than that specified in Table 110.26(A)(1) unless the requirements of 110.26(A)(1)(a)or 110.26(A)(1)(b) are met. Distances shall be measured from the enclosure front ~~or opening~~ , back, or sides of equipment requiring working space , if such live parts are enclosed.

Table 110.26(A)(1) Working Spaces

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
0–150 ac or dc	900 mm (3 ft)	900 mm (3 ft)	900 mm (3 ft)
151–600 ac or dc	900 mm (3 ft)	1.0 m (3 ft 6 in.)	1.2 m (4 ft)
601–1000 ac or 601–1500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed or enclosed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

(a) *Dead-Front Assemblies.* Working space shall not be required in the back or sides of assemblies, such as dead-front switchboards, switchgear, or motor control centers, where all connections and all renewable or adjustable parts, such as fuses or switches, are accessible from locations other than the back or sides. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum horizontal working space of 762 mm (30 in.) shall be provided.

(b) *Existing Buildings.* In existing buildings where electrical equipment is being replaced, Condition 2 working clearance shall be permitted between dead-front switchboards, switchgear, enclosed panelboards, or motor control centers located across the aisle from each other where conditions of maintenance and supervision ensure that written procedures have been adopted to prohibit equipment on both sides of the aisle from being open at the same time and qualified persons who are authorized will service the installation.

Statement of Problem and Substantiation for Public Input

Adding 'side and back' clarifies that the working space measurements apply to the side or back of equipment enclosures that require working space due to there large size.

Submitter Information Verification

Submitter Full Name: Mike Holt
Organization: Mike Holt Enterprises Inc
Street Address:
City:
State:

Zip:
Submittal Date: Tue Dec 30 14:55:23 EST 2025
Committee: NEC-P01

Public Input No. 648-NFPA 70-2026 [Section No. 110.26(A)(1)]

(1) Depth of Working Space.

The depth of the working space in the direction of live parts shall not be less than that specified in Table 110.26(A)(1) unless the requirements of 110.26(A)(1)(a)or 110.26(A)(1)(b) are met. Distances shall be measured from the enclosure front or opening, if such live parts are enclosed.

Table 110.26(A)(1) Working Spaces

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
0–150 ac or dc	900 mm (3 ft)	900 mm (3 ft)	900 mm (3 ft)
151–600 ac or dc	900 mm (3 ft)	1.0 m (3 ft 6 in.)	1.2 m (4 ft)
601–1000 ac or 601–1500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or ~~grounded~~ conductive parts on the other side of the working space, or exposed or enclosed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and ~~grounded~~ conductive parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as ~~grounded~~ conductive .

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

(a) *Dead-Front Assemblies.* Working space shall not be required in the back or sides of assemblies, such as dead-front switchboards, switchgear, or motor control centers, where all connections and all renewable or adjustable parts, such as fuses or switches, are accessible from locations other than the back or sides. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum horizontal working space of 762 mm (30 in.) shall be provided.

(b) *Existing Buildings.* In existing buildings where electrical equipment is being replaced, Condition 2 working clearance shall be permitted between dead-front switchboards, switchgear, enclosed panelboards, or motor control centers located across the aisle from each other where conditions of maintenance and supervision ensure that written procedures have been adopted to prohibit equipment on both sides of the aisle from being open at the same time and qualified persons who are authorized will service the installation.

Statement of Problem and Substantiation for Public Input

Replace the Article 100 defined term 'Grounded' with 'conductive.' Since clearly this rule is not referencing the 'earth.'

Submitter Information Verification

Submitter Full Name: Mike Holt
Organization: Mike Holt Enterprises Inc
Street Address:
City:
State:

Zip:
Submittal Date: Mon Jan 19 17:14:59 EST 2026
Committee: NEC-P01

Public Input No. 3089-NFPA 70-2026 [Section No. 110.26(A)(3)]

(3) Height of Working Space.

The work space shall be clear and extend from the grade, floor, or platform to a height of 2.0 m (6½ ft) or the height of the equipment, whichever is greater. Within the height requirements of this section, other equipment or support ~~structures, such as concrete pads, associated~~ structures associated with the electrical installation and located above or below the electrical equipment shall be permitted to extend not more than 150 mm (6 in.) beyond the front of the electrical equipment.

Exception No. 1: On battery systems mounted on open racks, the top clearance shall comply with 480.10(D).

Exception No. 2: In existing dwelling units, service equipment or enclosed panelboards that do not exceed 200 amperes shall be permitted in spaces where the height of the working space is less than 2.0 m (6½ ft).

Exception No. 3: Meters that are installed in meter sockets shall be permitted to extend beyond the other equipment. The meter socket shall be required to follow the rules of this section.

Additional Proposed Changes

File Name	Description	Approved
Public_Input_No._3089-NFPA_70-2026_Chris_A_Valtierra.docx	Public Input No. 3089-NFPA 70-2026_Chris_A_Valtierra	

Statement of Problem and Substantiation for Public Input

There is a conflict between section 110.26(A)(3) and section 110.26(A)(6).

Section 110.26(A)(3) permits concrete pads associated with the electrical installation to be located below the electrical equipment and to extend not more than 6 inches beyond the front of the electrical equipment.

Whereas section 110.26(A)(6) requires grade, floor, or platform in the required working space to be as level and flat as practical for the entire required depth and width of the working space.

If we install a concrete house keeping pad that extends into the working space up to 6 inches, how is the entire required work space level and flat as required in section 110.26(A)(3)?

Submitter Information Verification

Submitter Full Name: Chris Valtierra
Organization: City Of Mansfield, Tx
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 19:27:14 EDT 2026
Committee: NEC-P01

(3) Height of Working Space.

The work space shall be clear and extend from the grade, floor, or platform to a height of 2.0 m (6 ½ ft.) or the height of the equipment, whichever is greater. Within the height requirements of this section, other equipment or support ~~structures, such as concrete pads, associated~~ structures associated with the electrical installation and located above or below the electrical equipment shall be permitted to extend not more than 150 mm (6 in.) beyond the front of the electrical equipment.

*The PI language was Terraized





Public Input No. 3322-NFPA 70-2026 [Section No. 110.26(A)(3)]

(3) Height of Working Space.

The work space shall be clear and extend from the grade, floor, or platform to a height of 2.0 m (6½ ft) or the height of the equipment, whichever is greater. Within the height requirements of this section, other equipment or support structures, such as concrete pads, associated with the electrical installation and located above or below the electrical equipment shall be permitted to extend not more than 150 mm (6 in.) beyond the front of the electrical equipment.

Exception No. 1: On battery systems mounted on open racks, the top clearance shall comply with 480.10(D).

Exception No. 2: In existing dwelling units, service equipment, enclosed panelboards or enclosed ~~panelboards~~ panel unit(s) that do not exceed 200 amperes shall be permitted in spaces where the height of the working space is less than 2.0 m (6½ ft).

Exception No. 3: Meters that are installed in meter sockets shall be permitted to extend beyond the other equipment. The meter socket shall be required to follow the rules of this section.

Statement of Problem and Substantiation for Public Input

The newly defined term "enclosed panel unit(s)" is incorporated into this requirement since it is a defined term. By definition, "enclosed panel units" are panel units which are enclosed. This requirement now correctly incorporates both the enclosure and what it encloses.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3302-NFPA 70-2026 [New Definition after Definition: Enclosed.]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 17:28:43 EDT 2026
Committee: NEC-P01

Public Input No. 3401-NFPA 70-2026 [Section No. 110.26(A)(3)]

(3) Height of Working Space.

The work space shall be clear and extend from the grade, floor, or platform to a height of 2.0 m (6½ ft) or the height of the equipment, whichever is greater. Within the height requirements of this section, other equipment or support ~~structures, such as concrete pads, associated~~ structures associated with the electrical installation and located above or below the electrical equipment shall be permitted to extend not more than 150 mm (6 in.) beyond the front of the electrical equipment.

Exception No. 1: On battery systems mounted on open racks, the top clearance shall comply with 480.10(D).

Exception No. 2: In existing dwelling units, service equipment or enclosed panelboards that do not exceed 200 amperes shall be permitted in spaces where the height of the working space is less than 2.0 m (6½ ft).

Exception No. 3: Meters that are installed in meter sockets shall be permitted to extend beyond the other equipment. The meter socket shall be required to follow the rules of this section.

Additional Proposed Changes

File Name	Description	Approved
110.26_A_3_Height_of_Working_Space_-_Photo_Illustration.pdf	110.26 A (3) Height of Working Space - Photo Illustration	

Statement of Problem and Substantiation for Public Input

A concrete house keeping pad that extends into the working space up to 6 inches creates a trip hazard and conflicts with 110.26 A 6, how is the entire required work space level and flat?

Submitter Information Verification

Submitter Full Name: James Hathorn
Organization: City of Irving
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 01:26:40 EDT 2026
Committee: NEC-P01

110.26 A (3) Height of Working Space

A concrete house keeping pad that extends into the working space up to 6 inches creates a trip hazard and conflicts with 110.26 A 6, how is the entire required work space level and flat?




NOTICE
NOTICE
E.T-N
For Factory Assistance,
Renewal Parts or
24 hr. Emergency Service
in the US or Canada
Call 1-800-498-2678
DANGER



Public Input No. 3402-NFPA 70-2026 [Section No. 110.26(A)(3)]

(3) Height of Working Space.

The work space shall be clear and extend from the grade, floor, or platform to a height of 2.0 m (6½ ft) or the height of the equipment, whichever is greater. Within the height requirements of this section, other equipment ~~or support structures, such as concrete pads,~~ associated with the electrical installation and located above or below the electrical equipment shall be permitted to extend not more than 150 mm (6 in.) beyond the front of the electrical equipment.

Exception No. 1: On battery systems mounted on open racks, the top clearance shall comply with 480.10(D).

Exception No. 2: In existing dwelling units, service equipment or enclosed panelboards that do not exceed 200 amperes shall be permitted in spaces where the height of the working space is less than 2.0 m (6½ ft).

Exception No. 3: Meters that are installed in meter sockets shall be permitted to extend beyond the other equipment. The meter socket shall be required to follow the rules of this section.

Additional Proposed Changes

File Name	Description	Approved
110.26_A_3_Height_of_Working_Space_-Extensions-Photo_Illustration.pdf	110.26 A (3) Height of Working Space -Extensions-Photo Illustration	

Statement of Problem and Substantiation for Public Input

Other equipment and support structures are being manufactured within the Working Space. Manufactures of Switchboards are expressing the acceptability for Extensions and or Frame structure is allowed. The extensions are 8, 132” and up to 16” od depth in front of the Dead front of the equipment. There are doors that are not meeting the minimum width of 30” and Access to or egress from is compromised. Thes extensions with structure @ grade that extends into the working space mare than 6 inches creates a trip hazard and conflicts with 110.26 A 6,.

Submitter Information Verification

Submitter Full Name: James Hathorn
Organization: City of Irving
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 01:59:08 EDT 2026
Committee: NEC-P01

110.26 A (3) Height of Working Space

The work space shall be clear and extend from the grade, floor, or platform to a height of 2.0 m (61⁄2 ft) or the height of the equipment, whichever is greater. Within the height requirements of this section, other equipment ~~or support structures, such as concrete pads,~~ associated with the electrical installation and located above or below the electrical equipment shall be permitted to extend not more than 150 mm (6 in.) beyond the front of the electrical equipment.

Other equipment and support structures are being manufactured within the Working Space. Manufactures of Switchboards are expressing the acceptability for Extensions and or Frame structure is allowed. The extensions are 8, 132” and up to 16” od depth in front of the Dead front of the equipment. There are doors that are not meeting the minimum width of 30” and Access to or egress from is compromised. Thes extensions with structure @ grade that extends into the working space mare than 6 inches creates a trip hazard and conflicts with 110.26 A 6,.




For Units Supplied with Cause of Trip
NOTICE
NOTICE


E·T·N
Type 4 Steel Front Switchboard
WARNING
800 Amps


E·T·N
For Factory Assistance, Renewal Parts or 24 hr. Emergency Service in the US or Canada Call 1-800-498-2678
NOTICE


NOTICE
THIS DEVICE EQUIPPED WITH
GROUND FAULT PROTECTION


MAIN
DANGER
NOTICE

Public Input No. 3574-NFPA 70-2026 [Section No. 110.26(A)(3)]

(3) Height of Working Space.

The work space shall be clear and extend from the grade, floor, or platform to a height of 2.0 m (6½ ft) or the height of the equipment, whichever is greater. Within the height requirements of this section, other equipment or support structures, such as concrete pads, associated with the electrical installation and located above or below the electrical equipment shall be permitted to extend not more than 150 mm (6 in.) beyond the front of the electrical equipment.

Exception No. 1: On battery systems mounted on open racks, the top clearance shall comply with 480.10(D).

Exception No. 2: In existing dwelling units, enclosed assembled panel unit(s), service equipment or enclosed panelboards that do not exceed 200 amperes shall be permitted in spaces where the height of the working space is less than 2.0 m (6½ ft).

Exception No. 3: Meters that are installed in meter sockets shall be permitted to extend beyond the other equipment. The meter socket shall be required to follow the rules of this section.

Statement of Problem and Substantiation for Public Input

The newly defined term "enclosed assembled panel unit(s)" is incorporated into this requirement since it is a defined term. By definition, "enclosed assembled panel units" are essentially, in part, assembled panel units which are enclosed. This requirement now correctly incorporates both the enclosure and what it encloses.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3551-NFPA 70-2026 [New Definition after Definition: Enclosed.]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 13:02:38 EDT 2026
Committee: NEC-P01

Public Input No. 3587-NFPA 70-2026 [Section No. 110.26(A)(3)]

(3) Height of Working Space.

The work space shall be clear and extend from the grade, floor, or platform to a height of 2.0 m (6½ ft) or the height of the equipment, whichever is greater. Within the height requirements of this section, other equipment or support structures, such as concrete pads, associated with the electrical installation and located above or below the electrical equipment shall be permitted to extend not more than 150 mm (6 in.) beyond the front of the electrical equipment.

Exception No. 1: On battery systems mounted on open racks, the top clearance shall comply with 480.10(D).

Exception No. 2: In existing dwelling units, service equipment or enclosed panelboards that do not exceed 200 amperes shall be permitted in spaces where the height of the working space is less than 2.0 m (6½ ft), and may be set back from any access doors for existing retrofit situations . . .

Exception No. 3: Meters that are installed in meter sockets shall be permitted to extend beyond the other equipment. The meter socket shall be required to follow the rules of this section.

Additional Proposed Changes

File Name	Description	Approved
PXL_20240603_165448644.jpg	Example of a recessed equipment nook, we'd like the option of working in (replacing a panel board, adding a subpanel, whatever). We understand it's not working space compliant, but are good with that.	

Statement of Problem and Substantiation for Public Input

We often encounter legacy homes or apartments with the electrical entry area under a stairwell or in the crawl space, with an exterior access door. Panels here are typically set back from the access door 6-12 inches. Panels here are fine to work on or replace, but are a technical fail on working space rules without this exception. We want the freedom to choose to work in these enclosures without the code saying we can't.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3628-NFPA 70-2026 [Section No. 110.26(E)(2)]	

Submitter Information Verification

Submitter Full Name:	Bryce Nesbitt
Organization:	EV Plugbox LLC
Affiliation:	Representing interests of those doing retrofit work, and sometimes need to make due.
Street Address:	
City:	
State:	
Zip:	
Submittal Date:	Thu Apr 09 13:21:04 EDT 2026
Committee:	NEC-P01


WNSTAIR

Public Input No. 582-NFPA 70-2026 [Section No. 110.26(A)(3)]

(3) Height of Working Space.

The work space shall be clear and extend from the grade, floor, or platform to a height of 2.0 m (6½ ft) or the height of the equipment, whichever is greater. Within the height requirements of this section, other equipment or support structures, such as concrete pads, associated with the electrical installation and located above or below the electrical equipment shall be permitted to extend not more than 150 mm (6 in.) beyond the front of the electrical equipment.

Exception No. 1: On battery systems mounted on open racks, the top clearance shall comply with 480.10(D).

Exception No. 2: ~~In existing~~ For existing dwelling units, service equipment or enclosed panelboards that do not exceed 200 amperes shall be permitted in spaces where the height of the working space is less than 2.0 m (6½ ft).

Exception No. 3: Meters that are installed in meter sockets shall be permitted to extend beyond the other equipment. The meter socket shall be required to follow the rules of this section.

Statement of Problem and Substantiation for Public Input

The word "in" indicates that exception 3 only applies to indoor service equipment or panelboards. In many instances, a service change needs to occur at an existing outdoor installation with less than 6.5 feet of clearance. If this is permitted indoors it should also be permitted outdoors.

Submitter Information Verification

Submitter Full Name: Ryan Jackson
Organization: Ryan Jackson Electrical Training
Street Address:
City:
State:
Zip:

Submittal Date: Mon Jan 12 16:06:31 EST 2026
Committee: NEC-P01

Public Input No. 1176-NFPA 70-2026 [Section No. 110.26(A)(4)]

(4) Limited Access.

Where equipment likely to require examination, adjustment, servicing, or maintenance while energized is required by installation instructions or function to be located in a space with limited access, all of the following shall apply:
(a) Where equipment is installed above a lay-in ceiling, there shall be an opening not smaller than 559 mm × 559 mm (22 in. × 22 in.), or in a crawl space, there shall be an accessible opening not smaller than 559 mm × 762 mm (22 in. × 30 in.).

(b) The width of the working space shall be the width of the equipment enclosure or a minimum of 762 mm (30 in.), whichever is greater.

(c) All enclosure doors or hinged panels shall be capable of opening a minimum of 90 degrees.

(d) The space in front of the enclosure shall comply with the depth requirements of Table 110.26(A)(1) and shall be unobstructed to the floor by fixed cabinets, walls, or partitions. Space reductions in accordance with 110.26(A) shall be permitted. The maximum height of the working space shall be the height necessary to install the equipment in the limited space. A horizontal ceiling structural member or access panel shall be permitted in this space provided the location of weight-bearing structural members does not result in a side reach of more than 150 mm (6 in.) to work within the enclosure.

Additional Proposed Changes

File Name	Description	Approved
0-1a-Proposed_changes_to_110.26_formatting_only_1-2-3_to_a-b-c_.docx	Word document, showing proposed revisions highlighted in yellow.	

Statement of Problem and Substantiation for Public Input

Editorial changes only-no technical changes proposed.

The numbering system of 110.26(A)(4) does not appear to match guidelines presented in the National Electrical Code Style Manual as presented on page 9. I recommend that the CMP-1 consider revising 110.26(A)(4)(1), (2), (3), and (4) to 110.26(A)(4) (a), (b), (c), and (d)

Submitter Information Verification

Submitter Full Name: Jamie Schnick
Organization: HCAI/OSHPD
Affiliation: State of California
Street Address:
City:
State:
Zip:

Submittal Date: Tue Feb 24 21:09:23 EST 2026
Committee: NEC-P01

(Current version)

110.26 Spaces About Electrical Equipment.

...

(A) Working Space.

...

(1) Depth of Working Space.

...

(2) Width of Working Space.

...

(3) Height of Working Space.

...

(4) Limited Access.

Where equipment likely to require examination, adjustment, servicing, or maintenance while energized is required by installation instructions or function to be located in a space with limited access, all of the following shall apply:

(1) Where equipment is installed above a lay-in ceiling, there shall be an opening not smaller than 559 mm × 559 mm (22 in. × 22 in.), or in a crawl space, there shall be an accessible opening not smaller than 559 mm × 762 mm (22 in. × 30 in.).

(2) The width of the working space shall be the width of the equipment enclosure or a minimum of 762 mm (30 in.), whichever is greater.

(3) All enclosure doors or hinged panels shall be capable of opening a minimum of 90 degrees.

(4) The space in front of the enclosure shall comply with the depth requirements of **Table 110.26(A)(1)** and shall be unobstructed to the floor by fixed cabinets, walls, or partitions. Space reductions in accordance

(Proposed Revisions)

110.26 Spaces About Electrical Equipment.

...

(A) Working Space.

...

(1) Depth of Working Space.
(2) ...

(2) Width of Working Space.

...

(3) Height of Working Space.

...

(4) Limited Access.

Where equipment likely to require examination, adjustment, servicing, or maintenance while energized is required by installation instructions or function to be located in a space with limited access, all of the following shall apply:

~~(1)~~(a) Where equipment is installed above a lay-in ceiling, there shall be an opening not smaller than 559 mm × 559 mm (22 in. × 22 in.), or in a crawl space, there shall be an accessible opening not smaller than 559 mm × 762 mm (22 in. × 30 in.).

~~(2)~~(b) The width of the working space shall be the width of the equipment enclosure or a minimum of 762 mm (30 in.), whichever is greater.

~~(3)~~(c) All enclosure doors or hinged panels shall be capable of opening a minimum of 90 degrees.

~~(4)~~(d) The space in front of the enclosure shall comply with the depth requirements of **Table 110.26(A)(1)** and shall be unobstructed to the floor by fixed cabinets, walls, or partitions. Space reductions in accordance ...

Public Input No. 1817-NFPA 70-2026 [Section No. 110.26(A)(4)]

(4) Limited Access.

Where equipment likely to require examination, adjustment, servicing, or maintenance while energized is ~~required by installation instructions or function to be~~ located in a space with limited access, all of the following shall apply:

(1) Where equipment is installed above a lay-in ceiling, there shall be an opening not smaller than 559 mm × 559 mm (22 in. × 22 in.), or in a crawl space, there shall be an accessible opening not smaller than 559 mm × 762 mm (22 in. × 30 in.).

(2) The width of the working space shall be the width of the equipment enclosure or a minimum of 762 mm (30 in.), whichever is greater.

(3) All enclosure doors or hinged panels shall be capable of opening a minimum of 90 degrees.

(4) The space in front of the enclosure shall comply with the depth requirements of Table 110.26(A)(1) and shall be unobstructed to the floor by fixed cabinets, walls, or partitions. Space reductions in accordance with 110.26(A) shall be permitted. The maximum height of the working space shall be the height necessary to install the equipment in the limited space. A horizontal ceiling structural member or access panel shall be permitted in this space provided the location of weight-bearing structural members does not result in a side reach of more than 150 mm (6 in.) to work within the enclosure.

Statement of Problem and Substantiation for Public Input

There are many HVAC units installed above lift out tile ceilings. The instructions don't require these units to be installed above the ceiling. This Code section should apply to any unit that is installed in a limited access area.

Submitter Information Verification

Submitter Full Name: Eric Stromberg
Organization: Los Alamos National Laboratory
Affiliation: Self
Street Address:
City:
State:
Zip:

Submittal Date: Sat Mar 21 22:11:44 EDT 2026
Committee: NEC-P01

Public Input No. 1632-NFPA 70-2026 [New Section after 110.26(A)(6)]

(7) Clearance of Working Space

A minimum of 1 m (3 ft) of clearance, with the measurement starting from the face of the equipment or cabling, shall be provided in the following conditions:

(1) In front of wall-mounted equipment

(2) In front of and behind equipment racks

(3) in access spaces and aisles for personnel

(4) At least one end of a band of equipment racks

Statement of Problem and Substantiation for Public Input

Numerous standards and criteria reference Article 110.26 for working clearances which implies traditional electrical panels not necessarily applicable to limited energy equipment. The recommended addition to this section? Will clarify requirements unique to the installation of limited energy equipment. For example, (hopefully) all energized conductors are behind dead fronts assumed by 110.26. However, limited energy equipment typically 'patch' into the front of the equipment (fiber optics, category cable, etc). This cabling extends into the assumed working space where cabling (possibly critical to safety) can be snagged, damaged, or disconnected.

Submitter Information Verification

Submitter Full Name: Allen Dean
Organization: BICSI
Affiliation: BICSI
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 17 17:03:59 EDT 2026
Committee: NEC-P01

Public Input No. 2093-NFPA 70-2026 [New Section after 110.26(A)(6)]

TITLE OF NEW CONTENT

110.26(A)(7) Accessibility for People with Disabilities.

Where required to provide accessibility for people with disabilities, electrical equipment shall be installed in accordance with the applicable accessibility codes or standards. (See Annex A 110.26(A)(7))

Additional Proposed Changes

File Name	Description	Approved
PI_2093_-_Annex_Content_for_Section_110.26_A_7_.docx	Annex content for Section 110.26(A)(7)	

Statement of Problem and Substantiation for Public Input

The ICC A117.1 accessibility standard and federal accessibility regulations require a level of usability for people with disabilities for certain public and private spaces. It is important for designers and installers to recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

Accessibility regulations are comprised of both scoping and technical details. Therefore, the proposed language provides general guidance which should prompt the code user to consult the person with oversight of the project and find out whether accessibility for people with disabilities applies to their scope of work. The table in the annex text provides a list of components where accessibility considerations which may apply and their accompanying NEC code sections. Annex text was submitted with specific considerations applicable to each of the components listed.

The entire series of PIs submitted by the Task Group is attached to PI 2118.

The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

Submitter Information Verification

Submitter Full Name: Daniel Buuck
Organization: National Association of Home Builders
Street Address:
City:
State:
Zip:

Submittal Date: Mon Mar 30 07:30:44 EDT 2026
Committee: NEC-P01

PI 2093 – CMP-1

[NEW] 110.26(A)(7) Accessibility for People with Disabilities.
Where required to provide accessibility for people with disabilities, electrical equipment shall be installed in accordance with the applicable accessibility codes or standards. (See Annex A 110.26(A)(7))

[NEW] Annex A 110.26(A)(7) Accessibility for People with Disabilities.
The following list is intended as guidance, and no claim to completeness is made. Where required to provide accessibility for people with disabilities, the devices and equipment in the listed sections should be installed in accordance with the applicable accessibility codes or standards. Accessibility requirements are typically more stringent those of the NEC. However, it should be possible to meet accessibility requirements and remain in compliance with this code.

Generally, where equipment is installed in areas used only by employees to perform their work, such areas are not required to be accessible. However, in other areas available to occupants without disabilities, some, if not all, of the equipment in such areas is required to be accessible for people with disabilities.

[Include the following table in annex note.]

NEC Sections	Topic
110.26	Spaces About Electrical Equipment
210.52(A)(3)	Floor receptacles
210.52(A)(5)	Prohibited receptacle outlet locations
210.52(C)(3)	Receptacle outlet location
210.52(C)(4)	Prohibited receptacle outlet locations
240.24(A)	Circuit breaker location and operation
406.9(C)(1)	Bathroom receptacle location
406.38(A)	Switch location
624.50	Electric self-propelled vehicle power transfer system location
625.50	Electric vehicle power transfer system location

Public Input No. 1811-NFPA 70-2026 [Section No. 110.26(A) [Excluding any Sub-Sections]]

Working space for equipment that is likely to ~~require~~ be energized during examination, adjustment, servicing, or maintenance ~~while energized~~ shall comply with the dimensions of 110.26(A)(1), 110.26(A)(2), 110.26(A)(3), and 110.26(A)(4) or as required or permitted elsewhere in this code. By special permission, smaller working spaces shall be permitted where all exposed live parts operate at not greater than 30 volts rms, 42 volts peak, or 60 volts dc.

Informational Note: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for guidance, such as determining severity of potential exposure and planning safe work practices including establishing an electrically safe work condition, arc flash labeling, and selecting personal protective equipment.

Statement of Problem and Substantiation for Public Input

This PI is a subtle word change. Much debate centers around the need for working space in order to perform absence of voltage checks. Some companies, when replacing equipment and there is not quite enough working space, will put a label on the new equipment stating "insufficient working space - only de-energized work allowed." But 70E states that equipment must be considered energized unless proven not to be. Therefore, an absence of voltage test is defined as energized work. Many jurisdictions around the country do not require 110.26(A) working clearances for absence of voltage checks on equipment where there is a high level of confidence that the equipment is de-energized. For example, the load terminals on a disconnect switch, or a transformer when the primary disconnect is right next to the transformer. In these two examples, once the equipment is shut off, it is extremely unlikely that it is energized. A voltage check, of course, will still be performed. The parent text of 110.26 always requires enough room to maintain/service the equipment.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1812-NFPA 70-2026 [Section No. 110.26 [Excluding any Sub-Sections]]	

Submitter Information Verification

Submitter Full Name: Eric Stromberg
Organization: Los Alamos National Laboratory
Affiliation: Self
Street Address:
City:
State:
Zip:

Submittal Date: Sat Mar 21 20:31:50 EDT 2026
Committee: NEC-P01

Public Input No. 2961-NFPA 70-2026 [Section No. 110.26(A) [Excluding any Sub-Sections]]

Working space for equipment likely to require examination, adjustment, servicing, or maintenance while energized shall comply with the dimensions of 110.26(A)(1), 110.26(A)(2), 110.26(A)(3), and 110.26(A)(4) or as required or permitted elsewhere in this code. By special permission, smaller working spaces shall be permitted where ~~all exposed~~ all live parts operate at not greater than 30 volts rms, 42 volts peak, or 60 volts dc.

Informational Note: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for guidance, such as determining severity of potential exposure and planning safe work practices including establishing an electrically safe work condition, arc flash labeling, and selecting personal protective equipment.

Statement of Problem and Substantiation for Public Input

Exposed is not used in the parent text, and I do not see the benefit of including it here. Components internal to the equipment, exposed or not, will be exposed when it comes time to troubleshoot.

I can see exposure being used in an argument to avoid clearance requirements for equipment that will eventually require troubleshooting.

Submitter Information Verification

Submitter Full Name: Chris Foland
Organization: National Laboratory of the Roc
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 13:08:53 EDT 2026
Committee: NEC-P01

Public Input No. 3394-NFPA 70-2026 [Section No. 110.26(A) [Excluding any Sub-Sections]]

Working space for equipment likely to require examination, adjustment, servicing, or maintenance while energized shall comply with the dimensions of 110.26(A)(1), 110.26(A)(2), 110.26(A)(3), and 110.26(A)(4) or as required or permitted elsewhere in this code. By special permission, smaller working spaces shall be permitted where all exposed live parts operate at not greater than 30 volts rms, 42 volts peak, or 60 volts dc.

Exception 1:

By special permission, for existing buildings older than 15 years, modest working space exceptions shall be permitted provided the retrofit project does not render the overall working space constraints less compliant.

Informational Note: See NFPA *70E*, *Standard for Electrical Safety in the Workplace*, for guidance, such as determining severity of potential exposure and planning safe work practices including establishing an electrically safe work condition, arc flash labeling, and selecting personal protective equipment.

Additional Proposed Changes

File Name	Description	Approved
PXL_20251208_170338807.jpg	Retrofit panel being prepared for installation on a 3 foot setback multifamily structure.	
PXL_20251204_155521878.jpg	Retrofit panel being prepared for installation. Diagram provided to the AHJ seeking permission to place the panel on the wall, which was denied. The panel was mounted in a newly created 3.5" deep nook carved into the wall, to meet 110.26. 1" of insulation was added to the wall, so comfort was preserved for the renter.	

Statement of Problem and Substantiation for Public Input

I work in an area with a large number of Federal Pacific and other older panels.
Replacement of these breakers is a critical fire safety and insurance issue.

However, when a new location must be found due to working space issues the project becomes far less feasible. We've had cases where the owners backed out of doing anything, because working space compliant replacement was too awkward, costly or undesirable for conditions. In short, the old place may be the best place for a given building. The tradeoff for working space may be a win for fire safety.

Attached to this PI is a photo of a building built in the 1960's built to the then-required 36 inches from the property line. The main panel sticks out 10 inches plus the meter, and is in good condition. To add a small 4" deep subpanel we ended up digging into the wall, creating a 3.5" deep nook and cheating on the half inch of missing space by pushing the fence out with consent of the neighbor.

This PI is intended to give jurisdictions space to make reasonable special permission on a case by case basis.
Sometimes there's just no better location for equipment.

Please: we want to upgrade old panels. Let us apply judgement and craft based on the conditions.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3628-NFPA 70-2026 [Section No. 110.26(E)(2)]	

Submitter Information Verification

Submitter Full Name: Bryce Nesbitt

Organization: Obviously Technical Inspections & EV Plugbox LLC

Affiliation: Member of two groups working to bring electrification options to multifamily renters. Overly rigid working space leaves residents with unsafe panels and no ability to add new electrical devices.

Street Address:

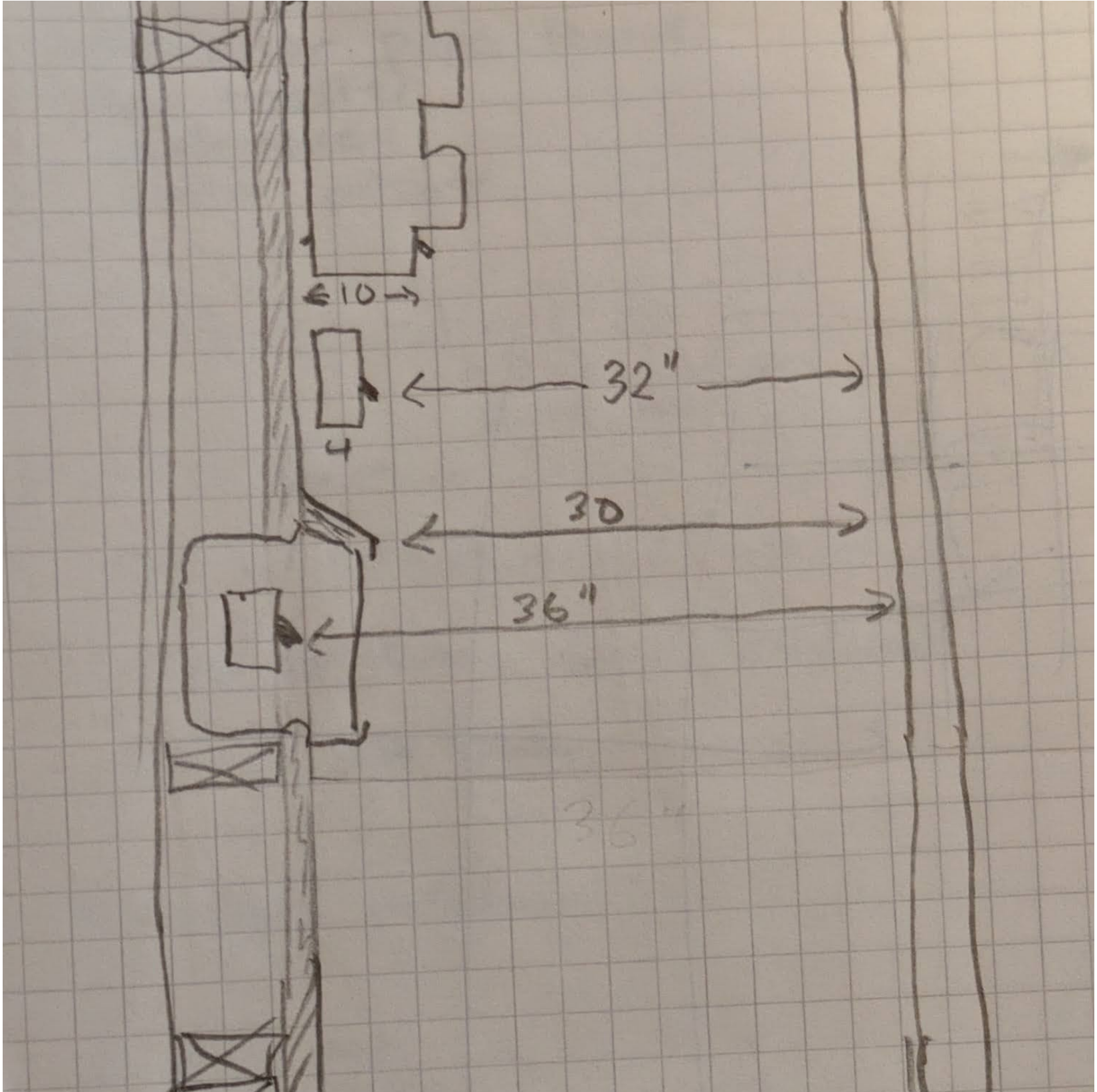
City:

State:

Zip:

Submittal Date: Thu Apr 09 00:11:56 EDT 2026

Committee: NEC-P01


10
32"
4
30
36"



Public Input No. 1139-NFPA 70-2026 [Section No. 110.26(C)(2)]

(2) Large Equipment.

For large equipment that contains OCPDs, switching devices, or control devices, there shall be one entrance to and egress from the required working space not less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high at each end of the working space. This requirement shall apply to either of the following conditions:

(1) For equipment rated 1200 amperes or more and over 1.8 m (6 ft) wide

(2) For service and feeder disconnecting means installed ~~in accordance with 225.33(A) or 230.71(B)~~ where the combined ampere rating is 1200 amperes or more and where the combined width is over 1.8 m (6 ft)

A single entrance to and egress from the required working space shall be permitted where either of the conditions in 110.26(C)(2)(a) or 110.26(C)(2)(b) is met.

(a) *Unobstructed Egress.* Where the location permits a continuous and unobstructed way of egress travel, a single entrance to the working space shall be permitted.

(b) *Extra Working Space.* Where the depth of the working space is twice that required by 110.26(A)(1), a single entrance shall be permitted. It shall be located such that the distance from the equipment to the nearest edge of the entrance is not less than the minimum clear distance specified in Table 110.26(A)(1) for equipment operating at that voltage and in that condition.

Statement of Problem and Substantiation for Public Input

This revision clarifies that the requirement applies to any service or feeder disconnecting means installed where the combined rating is 1200 amperes or more and where the combined width of the equipment is over 6 feet. The current wording does not address a feeder supplied by distribution equipment that may be inside the same equipment room or an adjacent electrical room.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: IEC
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Mon Feb 23 14:27:21 EST 2026
Committee: NEC-P01

Public Input No. 1177-NFPA 70-2026 [Section No. 110.26(C)(2)]

(2) Large Equipment.

For large equipment that contains OCPDs, switching devices, or control devices, there shall be one entrance to and egress from the required working space not less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high at each end of the working space. This requirement shall apply to either of the following conditions:
(a) For equipment rated 1200 amperes or more and over 1.8 m (6 ft) wide

(b) For disconnecting means installed in accordance with 225.33(A) or 230.71(B) where the combined ampere rating is 1200 amperes or more and where the combined width is over 1.8 m (6 ft)

A single entrance to and egress from the required working space shall be permitted where either of the conditions in 110.26(C)(2)(a) or 110.26(C)(2)(b) is met.
(1) Unobstructed Egress. Where the location permits a continuous and unobstructed way of egress travel, a single entrance to the working space shall be permitted.

(2) Extra Working Space. Where the depth of the working space is twice that required by 110.26(A)(1), a single entrance shall be permitted. It shall be located such that the distance from the equipment to the nearest edge of the entrance is not less than the minimum clear distance specified in Table 110.26(A)(1) for equipment operating at that voltage and in that condition.

Additional Proposed Changes

File Name	Description	Approved
2b-Proposed_changes_to_517.4_Electrical_Services_-_provide_or_supplement.docx	Word document, showing proposed revisions highlighted in yellow.	

Statement of Problem and Substantiation for Public Input

Editorial changes only-no technical changes proposed.

The numbering system of 110.26(C)(2) does not appear to match guidelines presented in the National Electrical Code Style Manual as presented on page 9. I recommend that the CMP-1 consider revising 10.26(C)(2)(1), (2), (a) and (b) to 110.26(C)(2)(a), (b) and (1) and (2).

Submitter Information Verification

Submitter Full Name: Jamie Schnick
Organization: HCAI/OSHPD -
Affiliation: State of California
Street Address:
City:
State:
Zip:

Submittal Date: Tue Feb 24 21:21:13 EST 2026
Committee: NEC-P01

Existing code language

517.4 Electrical Service.

(A) Additional Sources.

In addition to off-site utility-provided electrical service, the following sources shall be permitted to supplement the service to supply the entire electrical load for the facility based on reliability:

1. Power production source
2. Fuel cell systems
3. Energy storage systems
4. Health care microgrids

Proposed Revisions

517.4 Electrical Service.

(A) Additional ~~Sources.In addition to off-site utility-provided electrical service, t~~The following sources shall be permitted to provide or supplement the service ~~to~~ that ~~supply~~ies the entire electrical load for the facility based on reliability:

1. Off-Site Utility Service
2. On-Site Power Production source(s)
    a. Fuel cell systems
    b. Energy storage systems
    c. Health care microgrids

Public Input No. 1746-NFPA 70-2026 [Section No. 110.26(C)(2)]

(2) Large Equipment.

For large equipment that contains OCPDs, switching devices, or control devices, there shall be one entrance to and egress from the required working space not less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high at each end of the working space. This requirement shall apply to either of the following conditions:

(1) For equipment supplied and rated 1200 amperes or more and over 1.8 m (6 ft) wide

(2) For disconnecting means installed in accordance with 225.33(A) or 230.71(B) where the combined ampere rating is 1200 amperes or more and where the combined width is over 1.8 m (6 ft)

A single entrance to and egress from the required working space shall be permitted where either of the conditions in 110.26(C)(2)(a) or 110.26(C)(2)(b) is met.

(a) *Unobstructed Egress.* Where the location permits a continuous and unobstructed way of egress travel, a single entrance to the working space shall be permitted.

(b) *Extra Working Space.* Where the depth of the working space is twice that required by 110.26(A)(1), a single entrance shall be permitted. It shall be located such that the distance from the equipment to the nearest edge of the entrance is not less than the minimum clear distance specified in Table 110.26(A)(1) for equipment operating at that voltage and in that condition.

Statement of Problem and Substantiation for Public Input

This public input is being submitted on behalf of the Minnesota Department of Labor and Industry. Currently, the Department's electrical inspection staff includes 15 office/field staff, 77 state field electrical inspectors and 11 virtual inspectors that completed over 190,000 electrical inspections in 2025.

Adding the word "supplied" clarifies that the requirement applies to equipment based on the ampere rating of the conductors or overcurrent protective devices feeding the equipment, not solely the nameplate rating of the equipment itself. In its current form, the sentence can be interpreted as referring only to equipment that is inherently rated 1200 amperes or more, which may cause confusion when field installations involve equipment that is physically large but supplied by conductors or overcurrent devices of varying ratings. This wording removes ambiguity for installers, inspectors, and designers by making it clear that the provision applies whenever the equipment is supplied by a feeder or service rated 1200 amperes or more and the equipment exceeds 1.8 m (6 ft) in width. The addition results in more consistent enforcement and reduces misinterpretation in the field.

Submitter Information Verification

Submitter Full Name: Dean Hunter
Organization: Minnesota Department of Labor
Street Address:
City:
State:
Zip:

Submittal Date: Thu Mar 19 18:25:47 EDT 2026
Committee: NEC-P01

Public Input No. 843-NFPA 70-2026 [Section No. 110.26(C)(3)]

(3) Personnel Doors.

Where equipment rated 800 amperes or more that contains OCPDs, switching devices, or control devices is installed and there are personnel ~~doors intended for entrance to and egress from the working space less~~ doors less than 7.6 m (25 ft) from the nearest edge of the working space, the doors shall open at least 90 degrees in the direction of egress and be equipped with listed panic hardware or listed fire exit hardware.

Informational Note: See UL 305, *Standard For Panic Hardware*, for additional information on panic hardware, and see UL 10C, *Standard for Safety for Positive Pressure Fire Tests of Door Assemblies*, for additional information.

Statement of Problem and Substantiation for Public Input

It has been argued by some design engineers that a doors intent is the deciding factor as to the swing of and the need for panic hardware. The intent of a personnel door to an equipment space is irrelevant. An electrician or other technician that is subjected to an arcing event will not care about the intent of a door when they are in desperate need of vacating the area. All personnel doors within the 25' need to open in the direction of egress with panic hardware.

Submitter Information Verification

Submitter Full Name: Albin Kneggs
Organization: City of Dallas
Street Address:
City:
State:
Zip:

Submittal Date: Sat Jan 31 10:21:10 EST 2026
Committee: NEC-P01

Public Input No. 3324-NFPA 70-2026 [Section No. 110.26(D)]

(D) Illumination.

Illumination shall be provided for all working spaces about service equipment, switchboards, switchgear, enclosed panelboards, enclosed panel unit(s) or motor control centers installed indoors. Control of all luminaires by automatic means shall not be permitted for the working space. Additional lighting outlets shall not be required where the work space is illuminated by an adjacent light source or as permitted by 210.70(A)(1) Exception No. 1 for switched receptacles.

Statement of Problem and Substantiation for Public Input

The newly defined term "enclosed panel unit(s)" is incorporated into this requirement since it is a defined term. By definition, "enclosed panel units" are panel units which are enclosed. This requirement now correctly incorporates both the enclosure and what it encloses.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3302-NFPA 70-2026 [New Definition after Definition: Enclosed.]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 17:32:01 EDT 2026
Committee: NEC-P01

Public Input No. 3575-NFPA 70-2026 [Section No. 110.26(D)]

(D) Illumination.

Illumination shall be provided for all working spaces about enclosed assembled panel unit(s), service equipment, switchboards, switchgear, enclosed panelboards, or motor control centers installed indoors. Control of all luminaires by automatic means shall not be permitted for the working space. Additional lighting outlets shall not be required where the work space is illuminated by an adjacent light source or as permitted by 210.70(A)(1) Exception No. 1 for switched receptacles.

Statement of Problem and Substantiation for Public Input

The newly defined term "enclosed assembled panel unit(s)" is incorporated into this requirement since it is a defined term. By definition, "enclosed assembled panel units" are essentially, in part, assembled panel units which are enclosed. This requirement now correctly incorporates both the enclosure and what it encloses.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3551-NFPA 70-2026 [New Definition after Definition: Enclosed.]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 13:05:17 EDT 2026
Committee: NEC-P01

Public Input No. 433-NFPA 70-2025 [Section No. 110.26(D)]

(D) Illumination.

(1) Indoor Working Space. Illumination shall be provided for all working spaces about service equipment, switchboards, switchgear, enclosed panelboards, or motor control centers installed indoors.

(2) Automatic Means Not Permitted. Control of all luminaires by automatic means shall not be permitted for the working space. Additional lighting outlets shall not be required where the work space is illuminated by an adjacent light source or as permitted by 210.70(A)(1) Exception No. 1 for switched receptacles.

Statement of Problem and Substantiation for Public Input

It's very difficult for the Code user to understand and apply the NEC at times simply because of how the text if formatted. Placing items with a title list will help the user become more confident in the NEC application. In accordance with NEC Style Manual 3.5.1.2 Multiple requirements within a single subdivision shall be avoided. Additional subdivisions or lists shall be used to express independent requirements.

Submitter Information Verification

Submitter Full Name: Mike Holt
Organization: Mike Holt Enterprises Inc
Street Address:
City:
State:
Zip:

Submittal Date: Tue Dec 30 14:57:12 EST 2025
Committee: NEC-P01

Public Input No. 583-NFPA 70-2026 [Section No. 110.26(D)]

(D) Illumination.

Illumination shall be provided for all working spaces about service equipment, switchboards, switchgear,~~- enclosed panelboards~~ _panelboards , or motor control centers installed indoors. Control of all luminaires by automatic means shall not be permitted for the working space. Additional lighting outlets shall not be required where the work space is illuminated by an adjacent light source or as permitted by 210.70(A)(1) Exception No. 1 for switched receptacles.

Statement of Problem and Substantiation for Public Input

The term "enclosed panelboard" was deleted in 2023. It seems this instance escaped notice.

Submitter Information Verification

Submitter Full Name: Ryan Jackson
Organization: Ryan Jackson Electrical Training
Street Address:
City:
State:
Zip:

Submittal Date: Mon Jan 12 17:46:19 EST 2026
Committee: NEC-P01

Public Input No. 3577-NFPA 70-2026 [Section No. 110.26(E)]

(E) Dedicated Equipment Space.

All enclosed assembled panel unit(s), service equipment, switchboards, switchgear, enclosed panelboards, and motor control centers shall be located in dedicated spaces and protected from damage.

Exception: Control equipment that by its very nature or because of other rules of the code must be adjacent to or within sight of its operating machinery shall be permitted in those locations.

(1) Indoor.

Indoor installations shall comply with 110.26(E)(1)(a) through 110.26(E)(1)(d).

(a) *Dedicated Electrical Space.* The space equal to the width and depth of the equipment and extending from the floor to a height of 1.8 m (6 ft) above the equipment or to the structural ceiling, whichever is lower, shall be dedicated to the electrical installation. No piping, ducts, leak protection apparatus, or other equipment foreign to the electrical installation shall be located in this zone.

Exception: Suspended ceilings with removable panels shall be permitted within the 1.8 m (6 ft) zone.

(b) *Foreign Systems.* The area above the dedicated space required by 110.26(E)(1)(a) shall be permitted to contain foreign systems, provided protection is installed to avoid damage to the electrical equipment from condensation, leaks, or breaks in such foreign systems.

(c) *Sprinkler Protection.* Sprinkler protection shall be permitted for the dedicated space where the piping complies with this section.

(d) *Suspended Ceilings.* A dropped, suspended, or similar ceiling that does not add strength to the building structure shall not be considered a structural ceiling.

(2) Outdoor.

Outdoor installations shall comply with 110.26(E)(2)(a) through 110.26(E)(2)(c).

(a) *Installation Requirements.* Outdoor electrical equipment shall be the following:

(2) Installed in identified enclosures

(3) Protected from accidental contact by unauthorized personnel or by vehicular traffic

(4) Protected from accidental spillage or leakage from piping systems

(e) *Work Space.* The working clearance space shall include the zone described in 110.26(A). No architectural appurtenance or other equipment shall be located in this zone.

(f) *Dedicated Equipment Space.* The space equal to the width and depth of the equipment, and extending from grade to a height of 1.8 m (6 ft) above the equipment, shall be dedicated to the electrical installation. No piping or other equipment foreign to the electrical installation shall be located in this zone.

Exception: Structural overhangs or roof extensions shall be permitted in this zone.

Statement of Problem and Substantiation for Public Input

The newly defined term "enclosed assembled panel unit(s)" is incorporated into this requirement since it is a defined term. By definition, "enclosed assembled panel units" are essentially, in part, assembled panel

units which are enclosed. This requirement now correctly incorporates both the enclosure and what it encloses.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3551-NFPA 70-2026 [New Definition after Definition: Enclosed.]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 13:08:53 EDT 2026
Committee: NEC-P01

Public Input No. 1076-NFPA 70-2026 [Section No. 110.26(E)(1)]

(1) Indoor.

Indoor installations shall comply with 110.26(E)(1)(a) through 110.26(E)(1)(d).

(a) *Dedicated Electrical Space.* The space equal to the width and depth of the equipment and extending from the floor to a height of 1.8 m (6 ft) above the equipment or to the structural ceiling, whichever is lower, shall be dedicated to the electrical installation. No piping, ducts, leak protection apparatus, or other equipment foreign to the electrical installation shall be located in this zone including electrical work foreign to the dedicated space of a particular piece of electrical equipment .

Exception: Suspended ceilings with removable panels shall be permitted within the 1.8 m (6 ft) zone.

(b) *Foreign Systems.* The area above the dedicated space required by 110.26(E)(1)(a) shall be permitted to contain foreign systems, provided protection is installed to avoid damage to the electrical equipment from condensation, leaks, or breaks in such foreign systems.

(c) *Sprinkler Protection.* Sprinkler protection shall be permitted for the dedicated space where the piping complies with this section.

(d) *Suspended Ceilings.* A dropped, suspended, or similar ceiling that does not add strength to the building structure shall not be considered a structural ceiling.

Statement of Problem and Substantiation for Public Input

The dedicated space for each individual piece of electrical equipment must be respected. Individual pieces of electrical equipment having entering and exiting raceways, cable trays, equipment, and so forth that overlap into another piece of electrical equipment's dedicated space violates 110.26E1a. The blue text of the Handbook makes the distinction. Current 110.26E NEC text also does say it by phrasing it 'the equipment' each time. The word 'the' is a definite article so it could be said this is an unnecessary requested Code change but it could be helpful to elaborate more by making it clear that because something is electrical in nature, doesn't mean it automatically has permission to occupy the dedicated zone of a different piece of electrical equipment.

Submitter Information Verification

Submitter Full Name: Norm Feck
Organization: SpaceX
Affiliation: self
Street Address:
City:
State:
Zip:

Submittal Date: Wed Feb 18 11:12:33 EST 2026
Committee: NEC-P01

Public Input No. 1077-NFPA 70-2026 [Section No. 110.26(E)(2)]

(2) Outdoor.

Outdoor installations shall comply with 110.26(E)(2)(a) through 110.26(E)(2)(c).

(a) *Installation Requirements.* Outdoor electrical equipment shall be the following:

(2) Installed in identified enclosures

(3) Protected from accidental contact by unauthorized personnel or by vehicular traffic

(4) Protected from accidental spillage or leakage from piping systems

(e) *Work Space.* The working clearance space shall include the zone described in 110.26(A). No architectural appurtenance or other equipment shall be located in this zone.

(f) *Dedicated Equipment Space.* The space equal to the width and depth of the equipment, and extending from grade to a height of 1.8 m (6 ft) above the equipment, shall be dedicated to the electrical installation. No piping or other equipment foreign to the electrical installation shall be located in this ~~zone~~ zone including electrical work foreign to the dedicated space of a particular piece of electrical equipment .

Exception: Structural overhangs or roof extensions shall be permitted in this zone.

Statement of Problem and Substantiation for Public Input

The dedicated space for each individual piece of electrical equipment must be respected. Individual pieces of electrical equipment having entering and exiting raceways, cable trays, equipment, and so forth that overlap into another piece of electrical equipment's dedicated space violates 110.26E1a. The blue text of the Handbook after 110.26E1 makes the distinction. Current 110.26E NEC text also does say it by phrasing it 'the equipment' each time. The word 'the' is a definite article so it could be said this is an unnecessary requested Code change but it could be helpful to elaborate more by making it clear that because something is electrical in nature, doesn't mean it automatically has permission to occupy the dedicated zone of a different piece of electrical equipment.

Submitter Information Verification

Submitter Full Name: Norm Feck
Organization: SpaceX
Affiliation: self
Street Address:
City:
State:
Zip:

Submittal Date: Wed Feb 18 11:42:48 EST 2026
Committee: NEC-P01

Public Input No. 3628-NFPA 70-2026 [Section No. 110.26(E)(2)]

(2) Outdoor.

Outdoor installations shall comply with 110.26(E)(2)(a) through 110.26(E)(2)(c).

(a) *Installation Requirements.* Outdoor electrical equipment shall be the following:

(2) Installed in identified enclosures

(3) Protected from accidental contact by unauthorized personnel or by vehicular traffic

(4) Protected from accidental spillage or leakage from piping systems

(e) *Work Space.* The working clearance space shall include the zone described in 110.26(A). No architectural appurtenance or other equipment shall be located in this zone.

(f) *Dedicated Equipment Space.* The space equal to the width and depth of the equipment, and extending from grade to a height of 1.8 m (6 ft) above the equipment, shall be dedicated to the electrical installation. No piping or other equipment foreign to the electrical installation shall be located in this zone.

Exception 1 : Structural overhangs or roof extensions shall be permitted in this zone.

Exception 2: In retrofit projects up to 10% of the dedicated space may be occupied by equipment or pipes foreign to the electrical installation.

Additional Proposed Changes

File Name	Description	Approved
PXL_20260318_013151657.jpg	Ignore the milk crate. The best place for these panels was right where they are. The water pipe below created a Dedicated Space concern, though it was not in the way at all. The contractor had already considered the water pipe, yet chose this location, why should the NEC say this is a violation?	

Statement of Problem and Substantiation for Public Input

We do a lot of retrofit installations of new equipment, adding to older contexts. 110.26(E) forces us at times to pick a less optional panel location, due to unrelated pipes nearby.

In retrofits especially, the best location for equipment is a balance of factors. The absolute nature of 110.26(E) forces non-optimal locations.

Even in new work the wide area of the exclusion zone forces other trades out, even when that area near the floor is unlikely to ever be needed by the electrical trade.

If the AHJ and the contractor and the designer are OK with a few "intrusions" into the dedicated space, what value is the code adding by forcing a different location?

The attached picture shows a Dedicated Working space issue, for a pipe that was never in the way of the electrical. Any sparky able to bend a pipe, and maybe some that can't, could work around this existing obstruction and even leave enough space for the plumbing trade to replace the pipe later.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3394-NFPA 70-2026 [Section No. 110.26(A) [Excluding any Sub-Sections]]	Asking for a bit more leeway to make field decisions. Retrofits are hard.
Public Input No. 3587-NFPA 70-2026 [Section No. 110.26(A)(3)]	Asking for a bit more leeway to make field decisions. Retrofits are hard.

Submitter Information Verification

Submitter Full Name: Bryce Nesbitt

Organization: Obviously Inspects / EV Plugbox LLC

Affiliation: Member of POWER, a working group working to right size code and practice, so we can fit all this new electrical stuff in.

Street Address:

City:

State:

Zip:

Submittal Date: Thu Apr 09 15:32:54 EDT 2026

Committee: NEC-P01



Public Input No. 89-NFPA 70-2025 [Section No. 110.26(E)(2)]

(2) Outdoor.

Outdoor installations shall comply with 110.26(E)(2)(a) through 110.26(E)(2)(c).

(a) *Installation Requirements.* Outdoor electrical equipment shall be ~~the following:~~

(2) ~~Installed in identified enclosures~~

(3) ~~Protected from accidental contact by unauthorized personnel or by vehicular traffic~~
~~Protected from accidental~~ p rotected from accidental spillage or leakage from piping systems

(4) ~~*Work Space.* The working clearance space shall include the zone described in~~ 110.26(A) ~~. No architectural appurtenance or other equipment shall be located in this zone.~~

(5) *Dedicated Equipment Space.* The space equal to the width and depth of the equipment, and extending from grade to a height of 1.8 m (6 ft) above the equipment, shall be dedicated to the electrical installation. No piping or other equipment foreign to the electrical installation shall be located in this zone.

Exception: Structural overhangs or roof extensions shall be permitted in this zone.

Statement of Problem and Substantiation for Public Input

Everything marked for deletion is already covered elsewhere in the code.
Installing equipment in identified enclosures is required by 110.28 and 300.8.
Protection from damage is covered by 110.27(B).
The working space requirement in 110.26(E)(2)(b) conflates the material in 110.26(A) and 110.26(E), resulting in a sentence that doesn't even make sense. What exactly is "working clearance space"? This is the only time that phrase is used in the entire code.

This section is a simple one, but was made overly complicated by adding words that never needed to be here.

Submitter Information Verification

Submitter Full Name: Ryan Jackson
Organization: Ryan Jackson Electrical Training
Street Address:
City:
State:
Zip:

Submittal Date: Mon Oct 13 14:13:14 EDT 2025
Committee: NEC-P01

Public Input No. 3312-NFPA 70-2026 [Section No. 110.26(E) [Excluding any Sub-Sections]]

All service equipment, switchboards, switchgear, enclosed panelboards, enclosed panel unit(s), and motor control centers shall be located in dedicated spaces and protected from damage.

Exception: Control equipment that by its very nature or because of other rules of the code must be adjacent to or within sight of its operating machinery shall be permitted in those locations.

Statement of Problem and Substantiation for Public Input

The newly defined term "enclosed panel unit(s)" is incorporated into this requirement. This requirement now correctly incorporates both the enclosure and what it encloses.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3302-NFPA 70-2026 [New Definition after Definition: Enclosed.]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 17:20:55 EDT 2026
Committee: NEC-P01

Public Input No. 2656-NFPA 70-2026 [New Section after 110.26(F)]

Article 110.26 (G) Electric Rooms shall meet all the following requirements:

(1) **Limit unauthorized access.**

(2) **Contain electrical equipment: transformers capacitors, panelboards, switchgear, and the like.**

(3) **Be free from combustible storage.**

(4) **Provide door panic hardware.**

(5) **Provide emergency lighting.**

(6) **Designed with a fire resistive rating by a qualified Registered Design Professional.**

Statement of Problem and Substantiation for Public Input

The Massachusetts Boards of Fire Prevention Regulations and State Examiners of Electricians who oversee the electrical code promulgation and enforcement respectfully encourages the National Electrical Code (NEC) Technical Committee, Correlating Committee and Code Making Panel 1 to consider the attached proposal for requirements in an Electric Room not over 1000 volts ac, 1500 volts dc, nominal. Numerous documents, such as NFPA 13 and the ICC offer guidance; however, neither those documents nor the NEC provide any definitive language to enforce. This has caused difficulty with interpretations and enforcement. Adding this section to the article will provide the requirements for what an electric room can and cannot be used for as well as the design specifications of such rooms.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2654-NFPA 70-2026 [New Definition after Definition: Electric Power Production ...]	
Public Input No. 2657-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2658-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2659-NFPA 70-2026 [New Section after 110.32]	
Public Input No. 2661-NFPA 70-2026 [New Section after 110.32]	
Public Input No. 2654-NFPA 70-2026 [New Definition after Definition: Electric Power Production ...]	
Public Input No. 2657-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2658-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2659-NFPA 70-2026 [New Section after 110.32]	
Public Input No. 2661-NFPA 70-2026 [New Section after 110.32]	

Submitter Information Verification

Submitter Full Name: Chris Towski

Organization:

Affiliation:	MA Boards 0f Fire Prevention and State Examiners of Electricians
Street Address:	
City:	
State:	
Zip:	
Submittal Date:	Sat Apr 04 17:06:21 EDT 2026
Committee:	NEC-P01

Public Input No. 2657-NFPA 70-2026 [New Section after 110.26(F)]

Article 110.26 (G) Exception 1:

An electric room shall not be required when a Registered Design Professional demonstrates to an AHJ, and it is agreed that one is not necessary.

Statement of Problem and Substantiation for Public Input

The Massachusetts Boards of Fire Prevention Regulations and State Examiners of Electricians who oversee the electrical code promulgation and enforcement respectfully encourages the National Electrical Code (NEC) Technical Committee, Correlating Committee and Code Making Panel 1 to consider the attached proposal for requirements in an Electric Room not over 1000 volts ac, 1500 volts dc, nominal. Numerous documents, such as NFPA 13 and the ICC offer guidance; however, neither of these documents nor the NEC provide any language specific to dwelling units. This has caused difficulty with interpretations and enforcement. This exception exempts the requirement of an electric room from dwelling units. This exception allows relief for certain residential occupancy groups where if expected to meet the requirements would be burdensome and unpractical.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2656-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2654-NFPA 70-2026 [New Definition after Definition: Electric Power Production ...]	
Public Input No. 2658-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2659-NFPA 70-2026 [New Section after 110.32]	
Public Input No. 2661-NFPA 70-2026 [New Section after 110.32]	
Public Input No. 2654-NFPA 70-2026 [New Definition after Definition: Electric Power Production ...]	
Public Input No. 2656-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2658-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2659-NFPA 70-2026 [New Section after 110.32]	
Public Input No. 2661-NFPA 70-2026 [New Section after 110.32]	

Submitter Information Verification

Submitter Full Name:	Chris Towski
Organization:	
Affiliation:	MA Boards of Fire Prevention Regulations and State Examiners of Electricians
Street Address:	
City:	
State:	
Zip:	
Submittal Date:	Sat Apr 04 17:12:27 EDT 2026
Committee:	NEC-P01

Public Input No. 2658-NFPA 70-2026 [New Section after 110.26(F)]

Article 110.26 (G) Exception 2:
An electric room shall not be required for any of the following occupancies:

(1) **a one-family dwelling,**

(2) **a two-family dwelling,**

(3) **a townhouse,**

(4) **in the dwelling.**

Statement of Problem and Substantiation for Public Input

The Massachusetts Boards of Fire Prevention Regulations and State Examiners of Electricians who oversee the electrical code promulgation and enforcement respectfully encourages the National Electrical Code (NEC) Technical Committee, Correlating Committee and Code Making Panel 1 to consider the attached proposal for requirements in an Electric Room not over 1000 volts ac, 1500 volts dc, nominal. Numerous documents, such as NFPA 13 and the ICC offer guidance; however, neither of these documents nor the NEC provide flexibility for Registered Design Professionals nor Authority Having Jurisdiction personnel to make site specific determinations. This has caused difficulty with interpretations and enforcement. This exception would allow for flexibility when both the registered design professional and the authority having jurisdiction agree that such application is not necessary for the application presented.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2657-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2656-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2654-NFPA 70-2026 [New Definition after Definition: Electric Power Production ...]	
Public Input No. 2659-NFPA 70-2026 [New Section after 110.32]	
Public Input No. 2661-NFPA 70-2026 [New Section after 110.32]	
Public Input No. 2654-NFPA 70-2026 [New Definition after Definition: Electric Power Production ...]	
Public Input No. 2656-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2657-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2659-NFPA 70-2026 [New Section after 110.32]	
Public Input No. 2661-NFPA 70-2026 [New Section after 110.32]	

Submitter Information Verification

Submitter Full Name: Chris Towski

Organization:

Affiliation: MA Boards of Fire Prevention Regulations and State Examiners of Electricians

Street Address:

City:

State:

Zip:
Submittal Date: Sat Apr 04 17:16:52 EDT 2026
Committee: NEC-P01

Public Input No. 1100-NFPA 70-2026 [Section No. 110.26 [Excluding any Sub-Sections]]

Working space, and access to and egress from working space, shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment. Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high ~~when such doors are or can be opened 90 degrees~~ .

Statement of Problem and Substantiation for Public Input

The current language would provide a code violation for two motor control centers across the aisle from each other, with 15-inch wide doors, open at 90 degrees, with the standard 48-inch spacing. If the doors can be opened past the 90-deg. point, very common for motor control centers, and provide the require 24-inch aisle, that should be acceptable. In most cases, one wouldn't work simultaneously across the aisle with both doors open in the first place and work rules could certainly be established to prevent such. This new language inserted in the 2026 Code is particularly problematic for existing installations as replacement of existing MCCs would ordinarily mean they need to meet the current code requirements. That would be impossible given the room is already built and the MCCs being replaced are 48-inches apart.

Submitter Information Verification

Submitter Full Name: Richard Holub
Organization: The DuPont Company, Inc.
Street Address:
City:
State:
Zip:

Submittal Date: Fri Feb 20 09:27:40 EST 2026
Committee: NEC-P01

Public Input No. 1512-NFPA 70-2026 [Section No. 110.26 [Excluding any Sub-Sections]]

Working space, and access to and egress from working space, shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment. Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high when such doors are or can be opened 90 degrees.

Exception: Where maintenance and supervision ensure that only qualified persons work on the equipment, and where work rules prohibit working on opposing sides of the aisle simultaneously which could create an entrapment scenario as described, this 610mm (24 in.) egress shall only be required to consider doors open on one structure and not the opposing structure.

Statement of Problem and Substantiation for Public Input

The current language would provide a code violation for two motor control centers across the aisle from each other, with 15-inch wide doors, open at 90 degrees, with the standard 48-inch spacing. In most cases, one wouldn't work simultaneously across the aisle with both doors open in the first place and work rules could certainly be established to prevent such. Where work rules are enacted to prevent working on opposite sides of the aisle at the same time, then the door width plus 2 ft, or the distance in Table 110.26 should be sufficient and the additional space with opposing doors open simultaneously plus 2 ft. should not be required. This new language inserted in the 2026 Code is particularly problematic for existing installations as replacement of existing MCCs would ordinarily mean they need to meet the current code requirements. That would be impossible given the room is already built and the MCCs being replaced are 48-inches apart.

Submitter Information Verification

Submitter Full Name: Richard Holub
Organization: The DuPont Company, Inc.
Street Address:
City:
State:
Zip:

Submittal Date: Fri Mar 13 13:26:13 EDT 2026
Committee: NEC-P01

Public Input No. 1518-NFPA 70-2026 [Section No. 110.26 [Excluding any Sub-Sections]]

Working space, and access to and egress from working space, shall be provided and maintained about all electrical ~~equipment to~~ equipment to permit ready and safe operation and maintenance of such equipment. Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high when such doors are or can be opened 90 degrees.

Informational Note: See the definition of equipment. This requirement is not intended to apply to all of the terms in the general definition of material. It is intended to apply to service equipment and feeder-supplied equipment, such as switchboards, switchgear, enclosed panelboards, industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized.

Statement of Problem and Substantiation for Public Input

This revision adds a new informational note to clarify the types of equipment where working space is required for ready and safe operation and maintenance of such equipment. The equipment list aligns with the arc-flash hazard marking requirements for equipment listed in 110.16. The recommendation clarifies the application of the general definition of equipment which literally requires working space where fittings or devices are installed.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: IEC
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Sat Mar 14 08:00:00 EDT 2026
Committee: NEC-P01

Public Input No. 1812-NFPA 70-2026 [Section No. 110.26 [Excluding any Sub-Sections]]

Working space, and access to and egress from working space, shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment, including absence of voltage checks . Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high when such doors are or can be opened 90 degrees.

Statement of Problem and Substantiation for Public Input

This is a companion PI with PI 1811, suggesting a slight rewording of 110.26(A). There is debate if working clearances are needed for absence of voltage check. Many municipalities do not require the working space required by 110.26(A) for this purpose. Adding the "...including absence of voltage checks" at the end of 110.26 would help end this debate.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1811-NFPA 70-2026 [Section No. 110.26(A) [Excluding any Sub-Sections]]	

Submitter Information Verification

Submitter Full Name: Eric Stromberg
Organization: Los Alamos National Laboratory
Affiliation: Self
Street Address:
City:
State:
Zip:

Submittal Date: Sat Mar 21 20:47:41 EDT 2026
Committee: NEC-P01

Public Input No. 2118-NFPA 70-2026 [Section No. 110.26 [Excluding any Sub-Sections]]

Working space, and access to and egress from working space, shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment. Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high when such doors are or can be opened 90 degrees. (See Annex A 110.26)

Additional Proposed Changes

File Name	Description	Approved
PI_2118_Attachment_-_Annex_Content_for_Section_110.26.docx	Annex content for Section 110.26	
PI_2118_Attachment_-_Disability_Access_Review_Task_Group.docx	Attachment	

Statement of Problem and Substantiation for Public Input

Service panels are required to be accessible to people with disabilities in essentially all apartments as well as some other types of dwellings. The new annex text provides guidance for designers and installers so they recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

The entire series of PIs submitted by the Task Group is attached.

The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

Submitter Information Verification

Submitter Full Name: Daniel Buuck
Organization: National Association of Home Builders
Street Address:
City:
State:
Zip:

Submittal Date: Mon Mar 30 10:51:40 EDT 2026
Committee: NEC-P01

PI 2118 – CMP-1

110.26 Spaces About Electrical Equipment.

Working space, and access to and egress from working space, shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment. Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m ($6^1/_2$ ft) high when such doors are or can be opened 90 degrees. (See Annex A 110.26)

[NEW] Annex A 110.26 Spaces About Electrical Equipment.

A clear floor space sized for a wheelchair plus an accessible route to that location may be required. Where installed to meet accessibility requirements prescribed by other codes or standards, consult ICC A117.1 for the applicable accessible route, clear floor space, and reach range requirements.

Reason statement:

Service panels are required to be accessible to people with disabilities in essentially all apartments as well as some other types of dwellings. The new annex text provides guidance for designers and installers so they recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

The entire series of PIs submitted by the Task Group is attached.

The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

[NEW] 110.26(A)(7) Accessibility for People with Disabilities.

Where required to provide accessibility for people with disabilities, electrical equipment shall be installed in accordance with the applicable accessibility codes or standards. (See Annex A 110.26(A)(7))

[NEW] Annex A 110.26(A)(7) Accessibility for People with Disabilities.

The following list is intended as guidance, and no claim to completeness is made. Where required to provide accessibility for people with disabilities, the devices and equipment in the listed sections should be installed in accordance with the applicable accessibility codes or standards. Accessibility requirements are typically more stringent those of the NEC. However, it should be possible to meet accessibility requirements and remain in compliance with this code.

Generally, where equipment is installed in areas used only by employees to perform their work, such areas are not required to be accessible. However, in other areas available to occupants without disabilities, some, if not all, of the equipment in such areas is required to be accessible for people with disabilities.

[Include the following table in annex note.]

NEC Sections	Topic
110.26	Spaces About Electrical Equipment
210.52(A)(3)	Floor receptacles
210.52(A)(5)	Prohibited receptacle outlet locations
210.52(C)(3)	Receptacle outlet location
210.52(C)(4)	Prohibited receptacle outlet locations
240.24(A)	Circuit breaker location and operation
406.9(C)(1)	Bathroom receptacle location
406.38(A)	Switch location
624.50	Electric self-propelled vehicle power transfer system location
625.50	Electric vehicle power transfer system location

Reason statement:

The ICC A117.1 accessibility standard and federal accessibility regulations require a level of usability for people with disabilities for certain public and private spaces. It is important for designers and installers to recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

Accessibility regulations are comprised of both scoping and technical details. Therefore, the proposed language provides general guidance which should prompt the code user to

consult the person with oversight of the project and find out whether accessibility for people with disabilities applies to their scope of work. The table in the annex text provides a list of components where accessibility considerations which may apply and their accompanying NEC code sections. Annex text was submitted with specific considerations applicable to each of the components listed.

The entire series of PIs submitted by the Task Group is attached to a PI for each Code-Making Panel.

The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

Part III. Required Outlets

210.50 Receptacle Outlets.
Receptacle outlets shall be installed as specified in 210.~~52~~51 through 210.65.

Informational Note: See ICC A117.1-~~2017~~2026, *Accessible and Usable Buildings and Facilities,* for information regarding accessibility for people with disabilities.

210.50(A) Cord Pendants.
A cord connector that is supplied by a permanently connected cord pendant shall be considered a receptacle outlet.

210.50(B) Cord Connections.
A receptacle outlet shall be installed wherever flexible cords with attachment plugs are used. Where flexible cords are permitted to be permanently connected, receptacles shall be permitted to be omitted for such cords.

210.50(C) Appliance Receptacle Outlets.
Appliance receptacle outlets installed in a dwelling unit for specific appliances, such as laundry equipment, shall be installed within 1.8 m (6 ft) of the intended location of the appliance.

[NEW] 210.51 Accessibility for People with Disabilities.
Where required to provide accessibility for people with disabilities, wiring devices shall be installed in accordance with the applicable accessibility codes or standards. (See Annex A 210.51)

[NEW] Annex A 210.51 Accessibility for People with Disabilities.
The following list is intended as guidance, and no claim to completeness is made. Where required to provide accessibility for people with disabilities, the devices and equipment in the listed sections should be installed in accordance with the applicable accessibility codes or standards. Accessibility requirements are typically more stringent those of the NEC. However, it should be possible to meet accessibility requirements and remain in compliance with this code.

Generally, where equipment is installed in areas used only by employees to perform their work, such areas are not required to be accessible. However, in other areas available to occupants without disabilities, some, if not all, of the equipment in such areas is required to be accessible for people with disabilities.

[Include the following table in annex note.]

NEC Sections	Topic
110.26	Spaces About Electrical Equipment
210.52(A)(3)	Floor receptacles
210.52(C)(3)	Receptacle outlet location
210.52(C)(4)	Prohibited receptacle outlet locations
240.24(A)	Circuit breaker location and operation
406.9(C)(1)	Bathroom receptacle location
406.38(A)	Switch location
624.50	Electric self-propelled vehicle power transfer system location
625.50	Electric vehicle power transfer system location

Reason statement:

The ICC A117.1 accessibility standard and federal accessibility regulations require a level of usability for people with disabilities for certain public and private spaces. It is important for designers and installers to recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

Accessibility regulations are comprised of both scoping and technical details. Therefore, the proposed language provides general guidance which should prompt the code user to consult the person with oversight of the project and find out whether accessibility for people with disabilities applies to their scope of work. The table in the annex text provides a list of components where accessibility considerations which may apply and their accompanying NEC code sections. Annex text was submitted with specific considerations applicable to each of the components listed.

The entire series of PIs submitted by the Task Group is attached to a PI for each Code-Making Panel.

The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

PI 2095 – CMP-2

210.52(A)(3) Floor Receptacles.

Receptacle outlets in or on floors shall not be counted as part of the required number of receptacle outlets unless located within 450 mm (18 in.) of the wall. (See Annex A 210.52(A)(3))

[NEW] Annex A 210.52(A)(3) Floor Receptacles.

Floor receptacles are not accessible for people using a wheelchair, so they should be installed sparingly even though they are exempted from complying with clear floor space and height requirements in ICC A117.1. Federal regulation requires equal use and enjoyment of residential facilities for individuals requiring accessibility. Therefore, use of the ICC A117.1 exception should be avoided where possible.

Reason statement:

Receptacles are required to be accessible to people with disabilities in essentially all apartments as well as some other types of dwellings. The new annex text provides guidance for designers and installers so they recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

The entire series of PIs submitted by the Task Group is attached to a PI for each Code-Making Panel.

The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

210.52(A)(5) Receptacle Outlet Locations Prohibited.
Where receptacle outlets are installed in spaces covered in 210.52(A)(2)(3) and the outlets are below countertops or work surfaces, they shall not be installed within 610 mm (24 in.) of the countertop or work surface. (See Annex A 210.52(A)(5))

[NEW] Annex A 210.52(A)(5) Receptacle Outlet Locations Prohibited.
The location specified in this section may be lower than can be reached by someone using a wheelchair. Where installed to meet accessibility requirements prescribed by other codes or standards, consult ICC A117.1 for the applicable reach range requirements.

Reason statement:

Receptacles are required to be accessible to people with disabilities in essentially all apartments as well as some other types of dwellings. The new annex text provides guidance for designers and installers so they recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

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The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

210.52(C)(2) Island and Peninsular Countertops and Work Surfaces.
If provided to serve an island or peninsular countertop or work surface, receptacle outlets shall be installed in accordance with 210.52(C)(3) and 210.52(C)(4). If a receptacle outlet is not provided to serve an island or peninsular countertop or work surface, electrical provisions shall be provided at the island or peninsula for future addition of a receptacle outlet to serve the island or peninsular countertop or work surface.

210.52(C)(3) Receptacle Outlet Location.
Receptacle outlets shall be located in one or more of the following:

(1) On or above, but not more than 500 mm (20 in.) above, a countertop or work surface
(2) In a countertop using receptacle outlet assemblies listed for use in countertops
(3) In a work surface using receptacle outlet assemblies listed for use in work surfaces or listed for use in countertops

Receptacle outlets rendered not readily accessible by appliances fastened in place, appliance garages, sinks, or rangetops as covered in 210.52(C)(1) Exception No. 1 or appliances occupying assigned spaces shall not be considered as the outlets required by 210.52(C)(3)(1) through 210.52(C)(3)(3). (See Annex A 210.52(C)(3))

[NEW] Annex A 210.52(C)(3) Receptacle Outlet Location.
If a receptacle outlet is installed in or on a countertop or work surface, note that a person using a wheelchair cannot reach more than 24 inches horizontally. Where installed to meet accessibility requirements prescribed by other codes, receptacles installed in the locations specified in 210.52(C)(3)(2) or 210.52(C)(3)(3) should be located not more than 24 inches horizontally from at least one edge of the countertop surface or work surface.

Informational Note No. 1: See 406.14(E) for installation of receptacles in countertops and 406.14(F) for installation of receptacles in work surfaces. See 380.10 for installation of multioutlet assemblies.

Informational Note No. 2: See ANSI/ICC A117.1-~~2017~~2026, *Accessible and Usable Buildings and Facilities*, for information regarding accessibility for people with disabilities.

Reason statement:

Receptacles are required to be accessible to people with disabilities in essentially all apartments as well as some other types of dwellings. The new annex text provides guidance for designers and installers so they recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

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The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

210.52(C)(4) Receptacle Outlet Locations Prohibited.
Required and permitted receptacle outlets installed in a location that is accessible outside cabinet or wall surfaces that are below countertops and work surfaces shall comply with the following:

(1) Receptacle outlets shall not be installed on adjacent walls extending from the base cabinets within 610 mm (24 in.).
(2) Receptacle outlets beneath countertops shall not be located within 610 mm (24 in.) of the countertop or work surface.

(See Annex A 210.52(C)(4))

Exception: Receptacle outlets installed in a drawer shall be permitted to be installed below countertops and work surfaces.

[NEW] Annex A 210.52(C)(4) Receptacle Outlet Locations Prohibited.
The locations specified in 210.52(C)(4)(1) and 210.52(C)(4)(2) may be lower than can be reached by someone using a wheelchair. Where installed to meet accessibility requirements prescribed by other codes or standards, consult ICC A117.1 for the applicable reach range requirements.

Reason statement:

Receptacles are required to be accessible to people with disabilities in essentially all apartments as well as some other types of dwellings. The new annex text provides guidance for designers and installers so they recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

The entire series of PIs submitted by the Task Group is attached to a PI for each Code-Making Panel.

The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

240.24 Location in or on Premises.

240.24(A) Accessibility.
Circuit breakers and switches containing fuses shall be readily accessible and installed so that the center of the grip of the operating handle of the switch or circuit breaker, when in its highest position, is not more than 2.0 m (6 ft 7 in.) above the grade, floor, or working platform, unless one of the following applies:

(1) For busways, as provided in 368.17(C).
(2) For supplementary overcurrent protection, as described in 240.10.
(3) For OCPDs, as described in 225.40 and 230.92.
(4) For OCPDs adjacent to utilization equipment that they supply, access by portable means shall be permitted.

(See Annex A 240.24(A))

[NEW] Annex A 240.24(A) Accessibility.
The location specified in this section may be higher than can be reached by someone using a wheelchair. Where installed to meet accessibility requirements prescribed by other codes or standards, consult ICC A117.1 for the applicable reach range requirements.

Exception: The use of a tool shall be permitted to access OCPDs located within listed industrial control panels, within enclosures designed for hazardous (classified) locations or enclosures to protect against environmental conditions. An enclosure within the scope of this exception, and all OCPDs within such enclosures as judged with the enclosure open, shall comply with the accessibility requirements of 240.24(A).

Reason statement:

Circuit breakers are required to be accessible to people with disabilities in essentially all apartments as well as some other types of dwellings. The new annex text provides guidance for designers and installers so they recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

The entire series of PIs submitted by the Task Group is attached to a PI for each Code-Making Panel.

The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The

task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

[NEW] 240.24(G) Accessibility for People with Disabilities.

Where required to provide accessibility for people with disabilities, circuit breakers shall be installed in accordance with the applicable accessibility codes or standards. (See Annex A 240.24(G))

[NEW] Annex A 240.24(G) Accessibility for People with Disabilities.

The following list is intended as guidance, and no claim to completeness is made. Where required to provide accessibility for people with disabilities, the devices and equipment in the listed sections should be installed in accordance with the applicable accessibility codes or standards. Accessibility requirements are typically more stringent those of the NEC. However, it should be possible to meet accessibility requirements and remain in compliance with this code.

Generally, where equipment is installed in areas used only by employees to perform their work, such areas are not required to be accessible. However, in other areas available to occupants without disabilities, some, if not all, of the equipment in such areas is required to be accessible for people with disabilities.

[Include the following table in annex note.]

NEC Sections	Topic
110.26	Spaces About Electrical Equipment
210.52(A)(3)	Floor receptacles
210.52(A)(5)	Prohibited receptacle outlet locations
210.52(C)(3)	Receptacle outlet location
210.52(C)(4)	Prohibited receptacle outlet locations
240.24(A)	Circuit breaker location and operation
406.9(C)(1)	Bathroom receptacle location
406.38(A)	Switch location
624.50	Electric self-propelled vehicle power transfer system location
625.50	Electric vehicle power transfer system location

Reason statement:

The ICC A117.1 accessibility standard and federal accessibility regulations require a level of usability for people with disabilities for certain public and private spaces. It is important for designers and installers to recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

Accessibility regulations are comprised of both scoping and technical details. Therefore, the proposed language provides general guidance which should prompt the code user to

consult the person with oversight of the project and find out whether accessibility for people with disabilities applies to their scope of work. The table in the annex text provides a list of components where accessibility considerations which may apply and their accompanying NEC code sections. Annex text was submitted with specific considerations applicable to each of the components listed.

The entire series of PIs submitted by the Task Group is attached to a PI for each Code-Making Panel.

The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

[NEW] 406.4 Accessibility for People with Disabilities.

Where required to provide accessibility for people with disabilities, wiring devices shall be installed in accordance with the applicable accessibility codes or standards. (See Annex A 406.4)

[NEW] Annex A 406.4 Accessibility for People with Disabilities.

The following list is intended as guidance, and no claim to completeness is made. Where required to provide accessibility for people with disabilities, the devices and equipment in the listed sections should be installed in accordance with the applicable accessibility codes or standards. Accessibility requirements are typically more stringent those of the NEC. However, it should be possible to meet accessibility requirements and remain in compliance with this code.

Generally, where equipment is installed in areas used only by employees to perform their work, such areas are not required to be accessible. However, in other areas available to occupants without disabilities, some, if not all, of the equipment in such areas is required to be accessible for people with disabilities.

[Include the following table in annex note.]

NEC Sections	Topic
110.26	Spaces About Electrical Equipment
210.52(A)(3)	Floor receptacles
210.52(A)(5)	Prohibited receptacle outlet locations
210.52(C)(3)	Receptacle outlet location
210.52(C)(4)	Prohibited receptacle outlet locations
240.24(A)	Circuit breaker location and operation
406.9(C)(1)	Bathroom receptacle location
406.12(D)	Replacement of receptacles
406.38(A)	Switch location
624.50	Electric self-propelled vehicle power transfer system location
625.50	Electric vehicle power transfer system location

Reason statement:

The ICC A117.1 accessibility standard and federal accessibility regulations require a level of usability for people with disabilities for certain public and private spaces. It is important for designers and installers to recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

Accessibility regulations are comprised of both scoping and technical details. Therefore, the proposed language provides general guidance which should prompt the code user to consult the person with oversight of the project and find out whether accessibility for people with disabilities applies to their scope of work. The table in the annex text provides a list of components where accessibility considerations which may apply and their accompanying NEC code sections. Annex text was submitted with specific considerations applicable to each of the components listed.

The entire series of PIs submitted by the Task Group is attached to a PI for each Code-Making Panel.

The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

406.38 Accessibility and Grouping.

406.38(A) Location.
All switches shall comply with both of the following:

(1) They shall be located so that they can be operated from readily accessible places.
(2) They shall be installed such that the actuating means of the switch's operating handle, when in its highest position, is not more than 2.0 m (6 ft 7 in.) above the floor, working platform, or finished grade.

(See Annex 406.38(A))

[NEW] Annex A 406.38(A) Location.
The location specified in this section may be higher than can be reached by someone using a wheelchair. A clear floor space sized for a wheelchair plus an accessible route to that location may also be required. Where installed to meet accessibility requirements prescribed by other codes or standards, consult ICC A117.1 for the applicable accessible route, clear floor space, and reach range requirements.

Exception to (2): Switches installed adjacent to motors, appliances, or other equipment that they supply shall be permitted to be located higher than 2.0 m (6 ft 7 in.).

Reason statement:

Switches are required to be accessible to people with disabilities in essentially all apartments as well as some other types of dwellings. The new annex text provides guidance for designers and installers so they recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

The entire series of PIs submitted by the Task Group is attached to a PI for each Code-Making Panel.

The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

[NEW] 624.45 Accessibility for People with Disabilities.

Where required to provide accessibility for people with disabilities, wiring devices shall be installed in accordance with the applicable accessibility codes or standards. (See Annex A 624.40)

[NEW] Annex A 624.40 Accessibility for People with Disabilities.

The following list is intended as guidance, and no claim to completeness is made. Where required to provide accessibility for people with disabilities, the devices and equipment in the listed sections should be installed in accordance with the applicable accessibility codes or standards. Accessibility requirements are typically more stringent those of the NEC. However, it should be possible to meet accessibility requirements and remain in compliance with this code.

Generally, where equipment is installed in areas used only by employees to perform their work, such areas are not required to be accessible. However, in other areas available to occupants without disabilities, some, if not all, of the equipment in such areas is required to be accessible for people with disabilities.

[Include the following table in annex note.]

NEC Sections	Topic
110.26	Spaces About Electrical Equipment
210.52(A)(3)	Floor receptacles
210.52(A)(5)	Prohibited receptacle outlet locations
210.52(C)(3)	Receptacle outlet location
210.52(C)(4)	Prohibited receptacle outlet locations
240.24(A)	Circuit breaker location and operation
406.9(C)(1)	Bathroom receptacle location
406.12(D)	Replacement of receptacles
406.38(A)	Switch location
624.50	Electric self-propelled vehicle power transfer system location
625.50	Electric vehicle power transfer system location

Reason statement:

The ICC A117.1 accessibility standard and federal accessibility regulations require a level of usability for people with disabilities for certain public and private spaces. It is important for designers and installers to recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

Accessibility regulations are comprised of both scoping and technical details. Therefore, the proposed language provides general guidance which should prompt the code user to

consult the person with oversight of the project and find out whether accessibility for people with disabilities applies to their scope of work. The table in the annex text provides a list of components where accessibility considerations which may apply and their accompanying NEC code sections. Annex text was submitted with specific considerations applicable to each of the components listed.

The entire series of PIs submitted by the Task Group is attached to a PI for each Code-Making Panel.

The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

624.50 Location.
ESVSE shall be located for direct electrical coupling of ESV connectors (conductive or inductive) to ESVs. Unless specifically listed and marked for the location, the coupling means of ESVs shall be stored or located at a height of not less than 450 mm (18 in.) above the floor level for indoor locations or 600 mm (24 in.) above the grade level for outdoor locations. (See Annex 624.50)

This requirement shall not apply to portable ESVSE constructed in accordance with 624.44(A).

[NEW] Annex 624.50 Location.
The location allowed in this section may be higher than can be reached by someone using a wheelchair. A clear floor space sized for a wheelchair plus an accessible route to that location may also be required. Where installed to meet accessibility requirements prescribed by other codes or standards, consult ICC A117.1 for the applicable accessible route, clear floor space, and reach range requirements.

Reason statement:

ESVSEs are required to be accessible to people with disabilities in certain situations. The new annex text provides guidance for designers and installers so they recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

The entire series of PIs submitted by the Task Group is attached to a PI for each Code-Making Panel.

The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

[NEW] 625.45 Accessibility for People with Disabilities.

Where required to provide accessibility for people with disabilities, wiring devices shall be installed in accordance with the applicable accessibility codes or standards. (See Annex A 625.45)

[NEW] Annex A 625.45 Accessibility for People with Disabilities.

The following list is intended as guidance, and no claim to completeness is made. Where required to provide accessibility for people with disabilities, the devices and equipment in the listed sections should be installed in accordance with the applicable accessibility codes or standards. Accessibility requirements are typically more stringent those of the NEC. However, it should be possible to meet accessibility requirements and remain in compliance with this code.

Generally, where equipment is installed in areas used only by employees to perform their work, such areas are not required to be accessible. However, in other areas available to occupants without disabilities, some, if not all, of the equipment in such areas is required to be accessible for people with disabilities.

[Include the following table in annex note.]

NEC Sections	Topic
110.26	Spaces About Electrical Equipment
210.52(A)(3)	Floor receptacles
210.52(A)(5)	Prohibited receptacle outlet locations
210.52(C)(3)	Receptacle outlet location
210.52(C)(4)	Prohibited receptacle outlet locations
240.24(A)	Circuit breaker location and operation
406.9(C)(1)	Bathroom receptacle location
406.12(D)	Replacement of receptacles
406.38(A)	Switch location
624.50	Electric self-propelled vehicle power transfer system location
625.50	Electric vehicle power transfer system location

Reason statement:

The ICC A117.1 accessibility standard and federal accessibility regulations require a level of usability for people with disabilities for certain public and private spaces. It is important for designers and installers to recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

Accessibility regulations are comprised of both scoping and technical details. Therefore, the proposed language provides general guidance which should prompt the code user to consult the person with oversight of the project and find out whether accessibility for people with disabilities applies to their scope of work. The table in the annex text provides a list of components where accessibility considerations which may apply and their accompanying NEC code sections. Annex text was submitted with specific considerations applicable to each of the components listed.

The entire series of PIs submitted by the Task Group is attached to a PI for each Code-Making Panel.

The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

PI 2116 – CMP-12

625.50 Location.

The EVSE shall be located for direct electrical coupling of the EV connector (conductive or inductive) to the electric vehicle. Unless specifically listed and marked for the location, the coupling means of the EVSE shall be stored or located at a height of not less than 450 mm (18 in.) above the floor level for indoor locations or 600 mm (24 in.) above the grade level for outdoor locations. This requirement does not apply to portable EVSE constructed in accordance with 625.44(A). (See Annex 625.50)

[NEW] Annex 625.50 Location.

The location allowed in this section may be higher than can be reached by someone using a wheelchair. A clear floor space sized for a wheelchair plus an accessible route to that location may also be required. Where installed to meet accessibility requirements prescribed by other codes or standards, consult ICC A117.1 for the applicable accessible route, clear floor space, and reach range requirements.

Reason statement:

EVSEs are required to be accessible to people with disabilities in certain situations. The new annex text provides guidance for designers and installers so they recognize when these requirements may apply so that 1) they meet the intended usability goals in the accessibility standards and 2) they avoid unnecessary enforcement action.

The entire series of PIs submitted by the Task Group is attached to a PI for each Code-Making Panel.

The Disability Access Review Task Group consists of members from CMP-2, CMP-10, CMP-18 and the NFPA Disability Access Review and Advisory Committee (DARAC). It was directed by the Correlating Committee to review specific articles concerning components such as receptacles, switches and circuit breakers and their usability for the disabled. The task group shall develop Public Inputs for the 2029 code as necessary. The NFPA Disability Access Review Advisory Committee (DARAC: www.nfpa.org/darac) has reviewed this Public Input, and by letter ballot, concurs with the proposed language and the substantiation provided.

PI 2118 – CMP-1

110.26 Spaces About Electrical Equipment.

Working space, and access to and egress from working space, shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment. Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m ($6^1/_2$ ft) high when such doors are or can be opened 90 degrees. (See Annex A 110.26)

[NEW] Annex A 110.26 Spaces About Electrical Equipment.

A clear floor space sized for a wheelchair plus an accessible route to that location may be required. Where installed to meet accessibility requirements prescribed by other codes or standards, consult ICC A117.1 for the applicable accessible route, clear floor space, and reach range requirements.

Public Input No. 3368-NFPA 70-2026 [Section No. 110.26 [Excluding any Sub-Sections]]

Working space, and access to and egress from working space, shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment. Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high when such doors are or can be opened 90 degrees.

Exception No.1: In an industrial occupancy, where conditions of maintenance and supervision ensure only qualified person service the installation, the minimum 24" shall be able to be lowered. The procedure must be in writing and posted in the area. Example: only one door may be opened at a time.

Statement of Problem and Substantiation for Public Input

In some industrial situations there just isn't the luxury of room. this would allow a compromise and still be a safe working space.

Submitter Information Verification

Submitter Full Name: Jonathan Sunde
Organization: Trystar
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 21:43:09 EDT 2026
Committee: NEC-P01

Public Input No. 3671-NFPA 70-2026 [Section No. 110.26 [Excluding any Sub-Sections]]

Working space, and access to and egress from working space, shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment. Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high when such doors are or can be opened 90 degrees. This shall include both inside and outside working spaces.

Statement of Problem and Substantiation for Public Input

when a person is working in a fenced in area, the same issues arise as if indoors. It is not made clear that all of 110.26 applies to working spaces both indoors as well as outdoors. It does talk about equipment space being both indoors and outdoors in 110.26(E)(1) and 110.26(E)(2). There are many sites where one could get trapped in a fenced area due to a situation that went wrong.
Thanks for your consideration
Jon Sunde

Submitter Information Verification

Submitter Full Name: Jonathan Sunde
Organization: Trystar
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 16:32:42 EDT 2026
Committee: NEC-P01

Public Input No. 973-NFPA 70-2026 [Section No. 110.26 [Excluding any Sub-Sections]]

Working space, and access to and egress from working space, shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment. Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high when such doors are or can be opened ~~90 degrees.~~ to the maximum extent the doors may be opened.

Statement of Problem and Substantiation for Public Input

The current language would provide a code violation for two motor control centers across the aisle from each other, with 15-inch wide doors, open at 90 degrees, with the standard 48-inch spacing. If the doors can be opened past the 90-deg. point, very common for motor control centers, and provide the require 24-inch aisle, that should be acceptable. In most cases, one wouldn't work simultaneously across the aisle with both doors open in the first place and work rules could certainly be established to prevent such. This new language inserted in the 2026 Code is particularly problematic for existing installations as replacement of existing MCCs would ordinarily mean they need to meet the current code requirements. That would be impossible given the room is already built and the MCCs being replaced are 48-inches apart.

Submitter Information Verification

Submitter Full Name: Richard Holub
Organization: The DuPont Company, Inc.
Street Address:
City:
State:
Zip:

Submittal Date: Mon Feb 09 08:42:47 EST 2026
Committee: NEC-P01

Public Input No. 974-NFPA 70-2026 [Section No. 110.26 [Excluding any Sub-Sections]]

Working space, and access to and egress from working space, shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment. Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high when such doors are or can be opened 90 degrees.

Exception: If existing installations are replaced and the new installation cannot provide the required 610mm (24 in.) wide aisle with opposing doors open at 90 degrees, the installation shall be acceptable if the doors can be opened past the 90 degree point and provide the required 610mm (24 in.) wide aisle.

Statement of Problem and Substantiation for Public Input

The existing language is problematic in that it would create a violation for almost any "Condition 3" installation when the doors are open at 90 degrees. While this new language inserted in the 2026 NEC(r) can be accommodated when new installations are made, it's not possible for replacement of existing installations. An alternative should be allowed here as long as the 24 in. wide aisle is possible with the new installation. This language is practical, measurable, and enforceable. It doesn't lessen the degree of safety because the existing installation likely wouldn't comply with the new language either as it was likely installed before this requirement went into effect. Holding firm on this 2026 language will result in an unsafe, aging, installation being left in place because relocating the equipment to new space would likely result in the project being unaffordable.

Submitter Information Verification

Submitter Full Name: Richard Holub
Organization: The DuPont Company, Inc.
Street Address:
City:
State:
Zip:

Submittal Date: Mon Feb 09 08:55:26 EST 2026
Committee: NEC-P01

Public Input No. 1679-NFPA 70-2026 [Section No. 110.28]

110.28 Enclosure Types.

Other than surrounding fences or walls, enclosures of switchboards, switchgear, enclosed panelboards, industrial control panels, motor control centers, meter sockets, enclosed switches, transfer switches, power outlets, circuit breakers, adjustable-speed drive systems, pullout switches, portable power distribution equipment, termination boxes, general-purpose transformers, fire pump controllers, fire pump motors, and motor controllers, and intended for such locations, shall be marked with an enclosure-type number as shown in Table 110.28.

Table 110.28 shall be used for selecting these enclosures for use in specific locations other than hazardous (classified) locations. The enclosures are not intended to protect against conditions such as condensation, icing, corrosion, or contamination that may occur within the enclosure or enter via the raceway or unsealed openings.

Table 110.28 Enclosure Selection

Provides a Degree of Protection Against the Following Environmental Conditions	For Indoor and Outdoor Use									
	Enclosure Type Number									
	3	3R	3S	3X	3RX	3SX	4	4X	6	6P
Incidental contact with the enclosed equipment	X	X	X	X	X	X	X	X	X	X
Falling dirt	X	X	X	X	X	X	X	X	X	X
Falling liquids and light splashing	X	X	X	X	X	X	X	X	X	X
Rain, snow, and sleet	X	X	X	X	X	X	X	X	X	X
Sleet*	—	—	X	—	—	X	—	—	—	—
Windblown dust, lint, fibers, and flyings	X	—	X	X	—	X	X	X	X	X
~~Hosedown~~ Hosedown and splashing water	—	—	—	—	—	—	X	X	X	X
Corrosive agents	—	—	—	X	X	X	—	X	—	X
Temporary submersion	—	—	—	—	—	—	—	—	X	X
Prolonged submersion	—	—	—	—	—	—	—	—	—	X

Provides a Degree of Protection Against the Following Environmental Conditions	For Indoor Use									
	Enclosure Type Number									
	1	2	4	4X	5	6	6P	12	12K	13
Incidental contact with the enclosed equipment	X	X	X	X	X	X	X	X	X	X
Falling dirt	X	X	X	X	X	X	X	X	X	X
Falling liquids and light splashing	—	X	X	X	X	X	X	X	X	X
Circulating dust, lint, fibers, and flyings	—	—	X	X	—	X	X	X	X	X
Settling airborne dust, lint, fibers, and flyings	—	—	X	X	X	X	X	X	X	X
Hosedown and splashing water	—	—	X	X	—	X	X	—	—	—
Oil and coolant seepage	—	—	—	—	—	—	—	X	X	X
Oil or coolant spraying and splashing	—	—	—	—	—	—	—	—	—	X
Corrosive agents	—	—	—	X	—	—	X	—	—	—
Temporary submersion	—	—	—	—	—	X	X	—	—	—
Prolonged submersion	—	—	—	—	—	—	X	—	—	—

*The mechanism shall be operable when ice covered.

Informational Note No. 1: The term *raintight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 6, and 6P. The term *rainproof* is typically used in conjunction with Enclosure Types 3R and 3RX. The term *watertight* is typically used in conjunction with Enclosure Types 4, 4X, 6, and 6P. The term *driptight* is typically used in conjunction with Enclosure Types 2, 5, 12, 12K, and 13. The term *dusttight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 5, 6, 6P, 12, 12K, and 13.

Informational Note No. 2: See ANSI/IEC 60529, *Degrees of Protection Provided by Enclosures*, for ingress protection (IP) ratings.

Informational Note No. 3: See 502.10(A)(3), 502.10(B)(4), 503.10(A)(2), and 506.15(C)(3) for information on the use of dusttight enclosures in hazardous locations.

Informational Note No. 4: Some enclosure types, such as 12, 12K, or 13 enclosures, may be marked with an ancillary “-XH” for corrosive and hosedown capable indoor enclosure.

Informational Note No. 5: Some type 4X enclosures may be marked “indoor only.”

Informational Note No. 6: See NEMA EN 10250-2024 (formerly known as NEMA 250), *Enclosures for Electrical Equipment (1000 Volts Maximum)*, for the description of the “Enclosure Type Rating: Ancillary — PW for Pressure Wash and XH for Corrosive — and Hosedown — Capable Indoor Enclosures.”

Statement of Problem and Substantiation for Public Input

Per current Table 110.28, an AHJ could disallow the use of enclosure types 3, 3R, 3S, 3X, 3RX and 3SX indoors. Per NEMA 10250, enclosure types 3, 3R, 3S, 3X, 3RX and 3SX can be used indoors with the restrictions as shown on the updated chart.

Submitter Information Verification

Submitter Full Name: Paul Rylatt
Organization: Post Glover Resistor
Street Address:
City:
State:
Zip:

Submittal Date: Wed Mar 18 13:39:02 EDT 2026
Committee: NEC-P01

Public Input No. 2259-NFPA 70-2026 [Section No. 110.28]

110.28 Enclosure Types.

Other than surrounding fences or walls, enclosures of switchboards, switchgear, enclosed panelboards, industrial control panels, motor control centers, meter sockets, enclosed switches, transfer switches, power outlets, circuit breakers, adjustable-speed drive systems, pullout switches, portable power distribution equipment, termination boxes, general-purpose transformers, fire pump controllers, fire pump motors, and motor controllers, and intended for such locations, shall be marked with an enclosure-type number as shown in Table 110.28.

Table 110.28 shall be used for selecting these enclosures for use in specific locations other than hazardous (classified) locations. The enclosures are not intended to protect against conditions such as condensation, icing, corrosion, or contamination that may occur within the enclosure or enter via the raceway or unsealed openings.

Table 110.28 Enclosure Selection

Provides a Degree of Protection Against the Following Environmental Conditions	For Outdoor Use									
	Enclosure Type Number									
	3	3R	3S	3X	3RX	3SX	4	4X	6	6P
Incidental contact with the enclosed equipment	X	X	X	X	X	X	X	X	X	X
Rain, snow, and sleet	X	X	X	X	X	X	X	X	X	X
Sleet*	—	—	X	—	—	X	—	—	—	—
Windblown dust, windblown snow	X	—	X	X	—	X	X	X	X	X
Hosedown	—	—	—	—	—	—	X	X	X	X
Corrosive agents	—	—	—	X	X	X	—	X	—	X
Temporary submersion	—	—	—	—	—	—	—	—	X	X
Prolonged submersion	—	—	—	—	—	—	—	—	—	X

Provides a Degree of Protection Against the Following Environmental Conditions	For Indoor Use									
	Enclosure Type Number									
	1	2	4	4X	5	6	6P	12	12K	13
Incidental contact with the enclosed equipment	X	X	X	X	X	X	X	X	X	X
Falling dirt	X	X	X	X	X	X	X	X	X	X
Falling liquids and light splashing	—	X	X	X	X	X	X	X	X	X
Circulating dust, lint, fibers, and flyings	—	—	X	X	—	X	X	X	X	X
Settling airborne dust, lint, fibers, and flyings	—	—	X	X	X	X	X	X	X	X
Hosedown and splashing water	—	—	X	X	—	X	X	—	—	—
Oil and coolant seepage	—	—	—	—	—	—	—	X	X	X
Oil or coolant spraying and splashing	—	—	—	—	—	—	—	—	—	X
Corrosive agents	—	—	—	X	—	—	X	—	—	—
Temporary submersion	—	—	—	—	—	X	X	—	—	—
Prolonged submersion	—	—	—	—	—	—	X	—	—	—

*The mechanism shall be operable when ice covered.

Informational Note No. 1: The term *raintight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 6, and 6P. The term *rainproof* is typically used in conjunction with Enclosure Types 3R and 3RX. The term *watertight* is typically used in conjunction with Enclosure Types 4, 4X, 6, and 6P. The term *driptight* is typically used in conjunction with Enclosure Types 2, 5, 12, 12K, and 13. The term *dusttight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 5, 6, 6P, 12, 12K, and 13.

Informational Note No. 2: See ANSI/IEC 60529, *Degrees of Protection Provided by Enclosures*, for ingress protection (IP) ratings.

Informational Note No. 3: See 502.10(A)(3), 502.10(B)(4), 503.10(A)(2), and 506.15(C)(3) for information on the use of dusttight enclosures in hazardous locations.

Informational Note No. 4: Some enclosure types, such as 12, 12K, or 13 enclosures, may be marked with an ancillary “-XH” for corrosive and hosedown capable indoor enclosure.

Informational Note No. 5: Some type 4X enclosures may be marked “indoor only.”

Informational Note No. 6: See NEMA EN 10250-2024 (formerly known as NEMA 250), *Enclosures for Electrical Equipment (1000 Volts Maximum)*, for the description of the "Enclosure Type Rating: Ancillary — PW for Pressure Wash and XH for Corrosive — and Hosedown — Capable Indoor Enclosures."

Additional Proposed Changes

File Name	Description	Approved
Building_Over_Gear_1_.jpg		
Building_Over_Gear_2_.jpg		
Building_Over_Gear_3_.jpg		
Building_Over_Gear_4_.jpg		
Building_Over_Gear_5_.jpg		
Building_Over_Gear_6_.jpg		
Insulation_Wrap_1_.jpg		
Insulation_Wrap_2_.jpg		
Snow_Disconnect.jpg		
Snow_FIlled_1_.jpg		
Snow_FIlled_2_.jpg		
Snow_Panels_1_.jpg		
Snow_Panels_2_.jpg		
Snow_Panels_3_.jpg		
Snow_Panels_4_.jpg		
Thawed_Snow_Filled_1_.jpg		
Thawed_Snow_Filled_2_.jpg		
Thawed_Snow_Filled_3_.jpg		
Thawed_Snow_Filled_4_.jpg		

Statement of Problem and Substantiation for Public Input

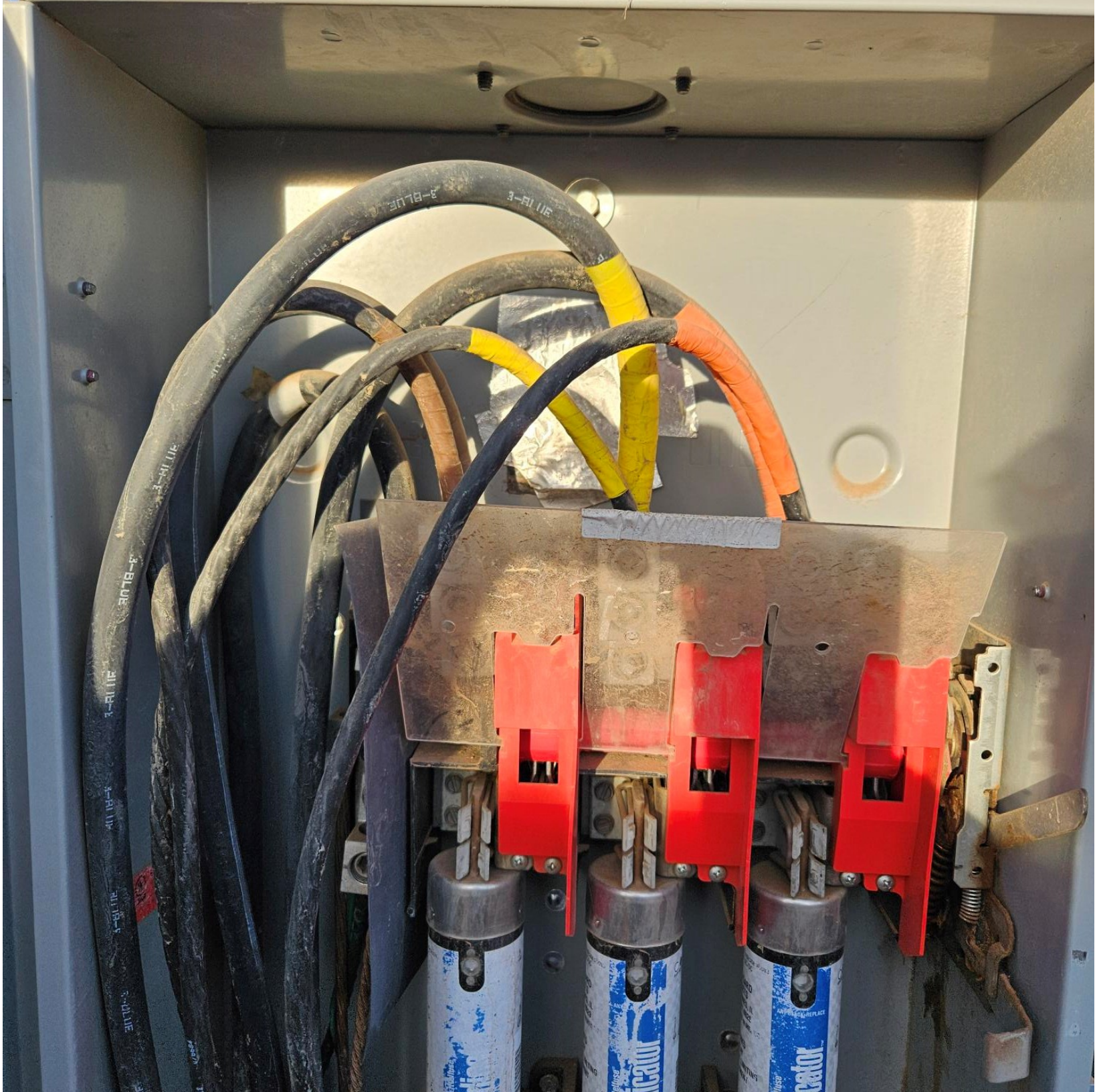
Windblown Snow of low moisture content is fine and gets into enclosures through the smallest of openings like dust can. When the snow melts inside the enclosures it causes water damage. Attached are pictures of disconnects and panels that have snow in them. Issues I have seen when inspecting include but not limited to. Corrosion of live parts, breakers going bad of all sizes and types, from the 20AMP single pole to 2000+AMP 600V 3Phase service breakers, wire connections going bad. Attached are pictures of mitigation efforts by owners to stop snow from entering enclosures, building over gear, insulation wrapped and thawed disconnect pictures. Which create other code issues. Talking to several NRTL reps and a manufacturing rep. All were unsure if there is a set testing standard for Windblown Snow of low moisture content.

Submitter Information Verification

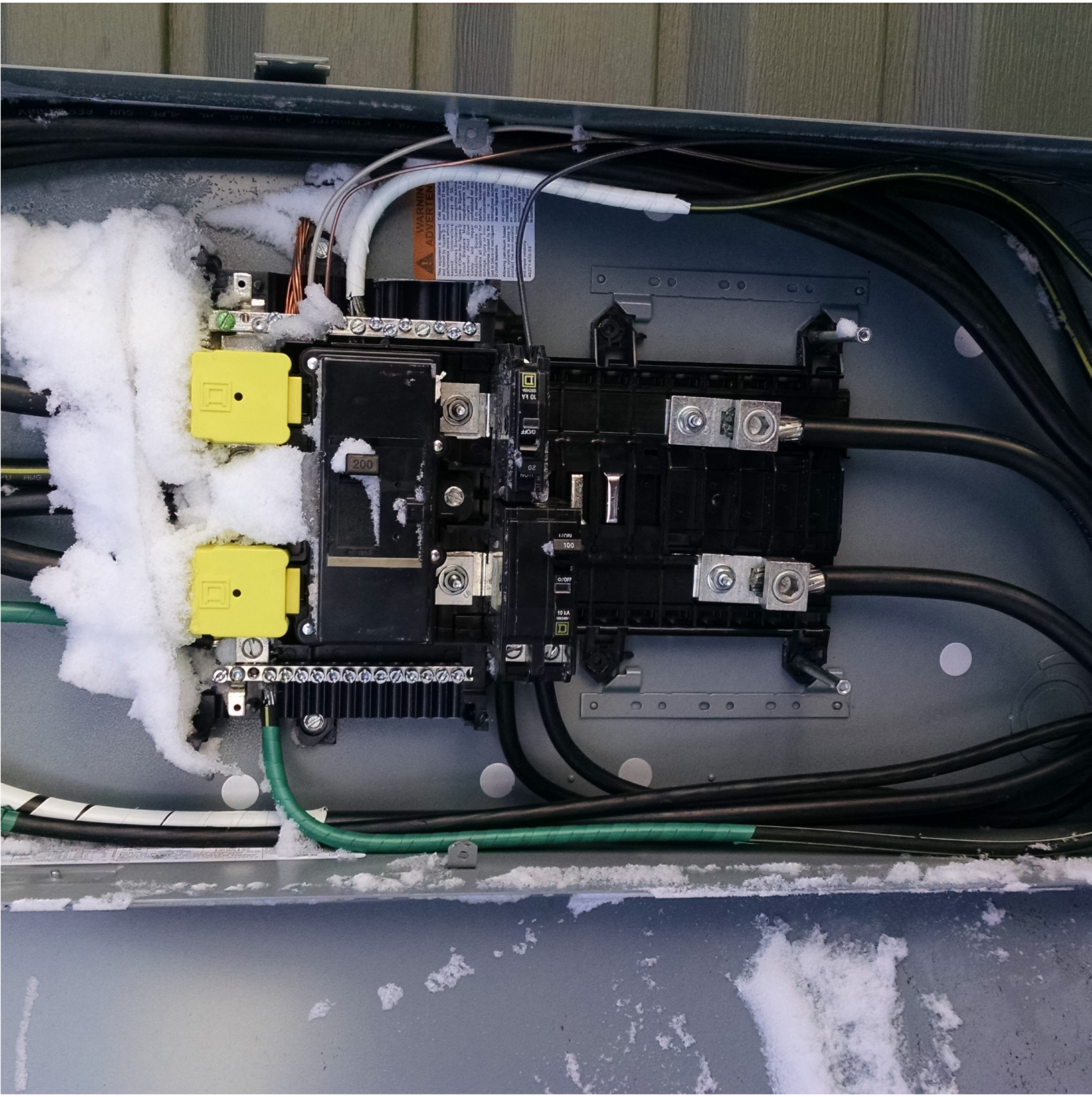
Submitter Full Name: Kendrick Kjorsvik
Organization: North Dakota State Electrical
Street Address:
City:
State:
Zip:
Submittal Date: Tue Mar 31 19:02:24 EDT 2026
Committee: NEC-P01

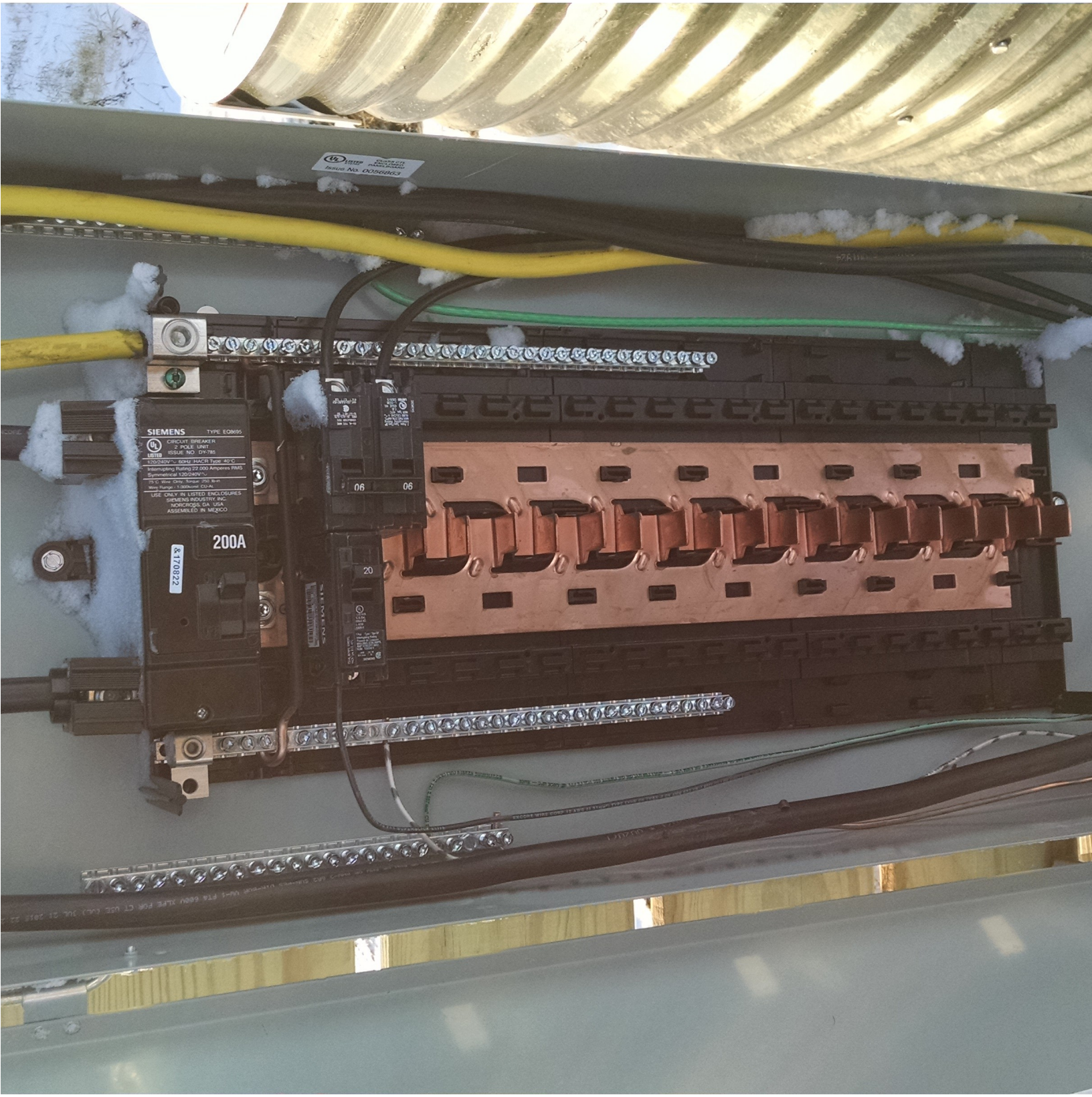

Littelfuse
Indicator
FLSR 175 ID
600 VAC or LESS


SIEMENS
SIEMENS




SIEMENS
SIEMENS
WARNING
ARC FLASH AND SHOCK HAZARD
25.3
480 VAC
ON
Heavy Duty
Safety Switch
OFF


200
100
ON
OFF
10 kA


SIEMENS
TYPE EQB695
CIRCUIT BREAKER
2 POLE UNIT
ISSUE NO DY-785
120/240V~, 60Hz HACR Type 40°C
Interrupting Rating 22,000 Amperes RMS
Symmetrical 120/240V~
75°C Wire Only, Torque 250 lb-in
Wire Range - 1-3/0Awmd CU-AL
USE ONLY IN LISTED ENCLOSURES
SIEMENS INDUSTRY, INC.
NORCROSS, GA USA
ASSEMBLED IN MEXICO
200A
&170822
06
06
20




200A


SIEMENS
Fusible Heavy Duty Safety Switch
600 Volts AC(V~) Maximum
Raintight
600 Volts DC(V⎓) Maximum
Suitable for use as Service Equipment
DANGER


SIEMENS

Smart
spot
TRS125RIN
125A
600V AC
600V DC







TYPE 3R ENCLOSURE
GABINETE TIPO 3R
ARMOIRE TYPE 3R

FOR INDIVIDUAL SECTION RATING(S)
SEE RATING NAMEPLATE ON DEAD-FRONT(S) INSIDE

CONSULTE LA PLACA DE DATOS SITUADA EN EL INTERIOR
DEL FRENTE MUERTO PARA OBTENER LOS VALORES
NOMINALES INDIVIDUALES DE CADA SECCIÓN

POUR LES VALEURS NOMINALES DES SECTIONS INDIVIDUELLES,
VOIR LA PLAQUE SIGNALÉTIQUE À L'INTÉRIEUR DE L'ÉCRAN ISOLANT

44

4362181-001

CATALOG OR DRAWING NO.
No. DE CATÁLOGO O DIBUJO
No DE CATALOGUE OU DESSIN

SQUARE D

80258-661-02

REV. A

DANGER / PELIGRO / DANGER

PELIGRO DE DESCARGA ELÉCTRICA,
EXPLOSIÓN O DESTELLO POR

RISQUE D'ÉLECTROCUTION,
D'EXPLOSION OU D'

⚠ WARNING
⚠ ADVERTENCIA
⚠ AVERTISSEMENT


WARNING
ADVERTENCIA
AVERTISSEMENT
TYPE 3R ENCLOSURE
GABINETE TIPO 3R
ARMOIRE TYPE 3R
SQUARE D


SQUARE D
WARNING
ADVERTENCIA
AVERTISSEMENT



Public Input No. 3010-NFPA 70-2026 [Section No. 110.28]

110.28 Enclosure Types.

Other than surrounding fences or walls, enclosures of switchboards, switchgear, enclosed panelboards, industrial control panels, motor control centers, meter sockets, enclosed switches, transfer switches, power outlets, circuit breakers, adjustable-speed drive systems, pullout switches, portable power distribution equipment, termination boxes, general-purpose transformers, fire pump controllers, fire pump motors, and motor controllers, and intended for such locations, shall be marked with an enclosure-type number as shown in Table 110.28.

Table 110.28 shall be used for selecting these enclosures for use in specific locations other than hazardous (classified) locations. The enclosures are not intended to protect against conditions such as condensation, icing, corrosion, or contamination that may occur within the enclosure or enter via the raceway or unsealed openings.

Table 110.28 Enclosure Selection

Provides a Degree of Protection Against the Following Environmental Conditions	For Outdoor Use									
	Enclosure Type Number									
	3	3R	3S	3X	3RX	3SX	4	4X	6	6P
Incidental contact with the enclosed equipment	X	X	X	X	X	X	X	X	X	X
Rain, snow, and sleet	X	X	X	X	X	X	X	X	X	X
Sleet*	—	—	X	—	—	X	—	—	—	—
Windblown dust	X	—	X	X	—	X	X	X	X	X
Hosedown	—	—	—	—	—	—	X	X	X	X
Corrosive agents	—	—	—	X	X	X	—	X	—	X
Temporary submersion	—	—	—	—	—	—	—	—	X	X
Prolonged submersion	—	—	—	—	—	—	—	—	—	X

Provides a Degree of Protection Against the Following Environmental Conditions	For Indoor Use									
	Enclosure Type Number									
	1	2	4	4X	5	6	6P	12	12K	13
Incidental contact with the enclosed equipment	X	X	X	X	X	X	X	X	X	X
Falling dirt	X	X	X	X	X	X	X	X	X	X
Falling liquids and light splashing	—	X	X	X	X	X	X	X	X	X
Circulating dust, lint, fibers, and flyings	—	—	X	X	—	X	X	X	X	X
Settling airborne dust, lint, fibers, and flyings	—	—	X	X	X	X	X	X	X	X
Hosedown and splashing water	—	—	X	X	—	X	X	—	—	—
Oil and coolant seepage	—	—	—	—	—	—	—	X	X	X
Oil or coolant spraying and splashing	—	—	—	—	—	—	—	—	—	X
Corrosive agents	—	—	—	X	—	—	X	—	—	—
Temporary submersion	—	—	—	—	—	X	X	—	—	—
Prolonged submersion	—	—	—	—	—	—	X	—	—	—

*The mechanism shall be operable when ice covered.

Informational Note No.

~~1: The term *raintight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 6, and 6P. The term *rainproof* is typically used in conjunction with Enclosure Types 3R and 3RX. The term *watertight* is typically used in conjunction with Enclosure Types 4, 4X, 6, and 6P. The term *driptight* is typically used in conjunction with Enclosure Types 2, 5, 12, 12K, and 13. The term *dusttight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 5, 6, 6P, 12, 12K, and 13. Informational Note No. 2:~~

1: See ANSI/IEC 60529, *Degrees of Protection Provided by Enclosures*, for ingress protection (IP) ratings.

Informational Note No.

~~3~~

2 : See 502.10(A)(3) , 502.10(B)(4) , 503.10(A)(2) , and 506.15(C)(3) for information on the use of dusttight enclosures in hazardous locations.

Informational Note No.

~~4: Some enclosure types, such as 12, 12K, or 13 enclosures, may be marked with an ancillary "-XH" for corrosive and hosedown capable indoor enclosure.~~

~~Informational Note No. 5:~~ ~~Some type 4X enclosures may be marked "indoor only."~~

~~Informational Note No. 6:~~

3: See NEMA EN 10250-2024

~~(~~

formerly known as NEMA 250

~~)~~

, *Enclosures for Electrical Equipment*

~~(~~

1000 Volts Maximum

~~)~~

, for the description of the "Enclosure Type Rating: Ancillary — PW for Pressure Wash and XH for Corrosive — and Hosedown — Capable Indoor Enclosures."

Statement of Problem and Substantiation for Public Input

This revision removes redundant information in notes 1,4 and 5 that is already covered in the table. The parenthesis are removed in two places in note #6 to comply with the NEC Style Manual sentence structure 3.5.1.1.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: Independent Electrical Contractors
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 15:06:16 EDT 2026
Committee: NEC-P01

Public Input No. 3308-NFPA 70-2026 [Section No. 110.28]

110.28 Enclosure Types.

Other than surrounding fences or walls, enclosures of switchboards, switchgear, enclosed panelboards, enclosed panel unit(s), industrial control panels, motor control centers, meter sockets, enclosed switches, transfer switches, power outlets, circuit breakers, adjustable-speed drive systems, pullout switches, portable power distribution equipment, termination boxes, general-purpose transformers, fire pump controllers, fire pump motors, and motor controllers, and intended for such locations, shall be marked with an enclosure-type number as shown in Table 110.28.

Table 110.28 shall be used for selecting these enclosures for use in specific locations other than hazardous (classified) locations. The enclosures are not intended to protect against conditions such as condensation, icing, corrosion, or contamination that may occur within the enclosure or enter via the raceway or unsealed openings.

Table 110.28 Enclosure Selection

Provides a Degree of Protection Against the Following Environmental Conditions	For Outdoor Use									
	Enclosure Type Number									
	3	3R	3S	3X	3RX	3SX	4	4X	6	6P
Incidental contact with the enclosed equipment	X	X	X	X	X	X	X	X	X	X
Rain, snow, and sleet	X	X	X	X	X	X	X	X	X	X
Sleet*	—	—	X	—	—	X	—	—	—	—
Windblown dust	X	—	X	X	—	X	X	X	X	X
Hosedown	—	—	—	—	—	—	X	X	X	X
Corrosive agents	—	—	—	X	X	X	—	X	—	X
Temporary submersion	—	—	—	—	—	—	—	—	X	X
Prolonged submersion	—	—	—	—	—	—	—	—	—	X

Provides a Degree of Protection Against the Following Environmental Conditions	For Indoor Use									
	Enclosure Type Number									
	1	2	4	4X	5	6	6P	12	12K	13
Incidental contact with the enclosed equipment	X	X	X	X	X	X	X	X	X	X
Falling dirt	X	X	X	X	X	X	X	X	X	X
Falling liquids and light splashing	—	X	X	X	X	X	X	X	X	X
Circulating dust, lint, fibers, and flyings	—	—	X	X	—	X	X	X	X	X
Settling airborne dust, lint, fibers, and flyings	—	—	X	X	X	X	X	X	X	X
Hosedown and splashing water	—	—	X	X	—	X	X	—	—	—
Oil and coolant seepage	—	—	—	—	—	—	—	X	X	X
Oil or coolant spraying and splashing	—	—	—	—	—	—	—	—	—	X
Corrosive agents	—	—	—	X	—	—	X	—	—	—
Temporary submersion	—	—	—	—	—	X	X	—	—	—
Prolonged submersion	—	—	—	—	—	—	X	—	—	—

*The mechanism shall be operable when ice covered.

Informational Note No. 1: The term *raintight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 6, and 6P. The term *rainproof* is typically used in conjunction with Enclosure Types 3R and 3RX. The term *watertight* is typically used in conjunction with Enclosure Types 4, 4X, 6, and 6P. The term *driptight* is typically used in conjunction with Enclosure Types 2, 5, 12, 12K, and 13. The term *dusttight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 5, 6, 6P, 12, 12K, and 13.

Informational Note No. 2: See ANSI/IEC 60529, *Degrees of Protection Provided by Enclosures*, for ingress protection (IP) ratings.

Informational Note No. 3: See 502.10(A)(3), 502.10(B)(4), 503.10(A)(2), and 506.15(C)(3) for information on the use of dusttight enclosures in hazardous locations.

Informational Note No. 4: Some enclosure types, such as 12, 12K, or 13 enclosures, may be marked with an ancillary “-XH” for corrosive and hosedown capable indoor enclosure.

Informational Note No. 5: Some type 4X enclosures may be marked “indoor only.”

Informational Note No. 6: See NEMA EN 10250-2024 (formerly known as NEMA 250), *Enclosures for Electrical Equipment (1000 Volts Maximum)*, for the description of the "Enclosure Type Rating: Ancillary — PW for Pressure Wash and XH for Corrosive — and Hosedown — Capable Indoor Enclosures."

Statement of Problem and Substantiation for Public Input

The newly defined term "enclosed panel unit(s)" is incorporated into this requirement since it is a defined term. By definition, "enclosed panel units" are panel units which are enclosed. This requirement now correctly incorporates both the enclosure and what it encloses.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3302-NFPA 70-2026 [New Definition after Definition: Enclosed.]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 17:15:11 EDT 2026
Committee: NEC-P01

Public Input No. 3579-NFPA 70-2026 [Section No. 110.28]

110.28 Enclosure Types.

Other than surrounding fences or walls, enclosures of enclosed assembled panel unit(s), switchboards, switchgear, enclosed panelboards, industrial control panels, motor control centers, meter sockets, enclosed switches, transfer switches, power outlets, circuit breakers, adjustable-speed drive systems, pullout switches, portable power distribution equipment, termination boxes, general-purpose transformers, fire pump controllers, fire pump motors, and motor controllers, and intended for such locations, shall be marked with an enclosure-type number as shown in Table 110.28.

Table 110.28 shall be used for selecting these enclosures for use in specific locations other than hazardous (classified) locations. The enclosures are not intended to protect against conditions such as condensation, icing, corrosion, or contamination that may occur within the enclosure or enter via the raceway or unsealed openings.

Table 110.28 Enclosure Selection

Provides a Degree of Protection Against the Following Environmental Conditions	For Outdoor Use									
	Enclosure Type Number									
	3	3R	3S	3X	3RX	3SX	4	4X	6	6P
Incidental contact with the enclosed equipment	X	X	X	X	X	X	X	X	X	X
Rain, snow, and sleet	X	X	X	X	X	X	X	X	X	X
Sleet*	—	—	X	—	—	X	—	—	—	—
Windblown dust	X	—	X	X	—	X	X	X	X	X
Hosedown	—	—	—	—	—	—	X	X	X	X
Corrosive agents	—	—	—	X	X	X	—	X	—	X
Temporary submersion	—	—	—	—	—	—	—	—	X	X
Prolonged submersion	—	—	—	—	—	—	—	—	—	X

Provides a Degree of Protection Against the Following Environmental Conditions	For Indoor Use									
	Enclosure Type Number									
	1	2	4	4X	5	6	6P	12	12K	13
Incidental contact with the enclosed equipment	X	X	X	X	X	X	X	X	X	X
Falling dirt	X	X	X	X	X	X	X	X	X	X
Falling liquids and light splashing	—	X	X	X	X	X	X	X	X	X
Circulating dust, lint, fibers, and flyings	—	—	X	X	—	X	X	X	X	X
Settling airborne dust, lint, fibers, and flyings	—	—	X	X	X	X	X	X	X	X
Hosedown and splashing water	—	—	X	X	—	X	X	—	—	—
Oil and coolant seepage	—	—	—	—	—	—	—	X	X	X
Oil or coolant spraying and splashing	—	—	—	—	—	—	—	—	—	X
Corrosive agents	—	—	—	X	—	—	X	—	—	—
Temporary submersion	—	—	—	—	—	X	X	—	—	—
Prolonged submersion	—	—	—	—	—	—	X	—	—	—

*The mechanism shall be operable when ice covered.

Informational Note No. 1: The term *raintight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 6, and 6P. The term *rainproof* is typically used in conjunction with Enclosure Types 3R and 3RX. The term *watertight* is typically used in conjunction with Enclosure Types 4, 4X, 6, and 6P. The term *driptight* is typically used in conjunction with Enclosure Types 2, 5, 12, 12K, and 13. The term *dusttight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 5, 6, 6P, 12, 12K, and 13.

Informational Note No. 2: See ANSI/IEC 60529, *Degrees of Protection Provided by Enclosures*, for ingress protection (IP) ratings.

Informational Note No. 3: See 502.10(A)(3), 502.10(B)(4), 503.10(A)(2), and 506.15(C)(3) for information on the use of dusttight enclosures in hazardous locations.

Informational Note No. 4: Some enclosure types, such as 12, 12K, or 13 enclosures, may be marked with an ancillary “-XH” for corrosive and hosedown capable indoor enclosure.

Informational Note No. 5: Some type 4X enclosures may be marked “indoor only.”

Informational Note No. 6: See NEMA EN 10250-2024 (formerly known as NEMA 250), *Enclosures for Electrical Equipment (1000 Volts Maximum)*, for the description of the “Enclosure Type Rating: Ancillary — PW for Pressure Wash and XH for Corrosive — and Hosedown — Capable Indoor Enclosures.”

Statement of Problem and Substantiation for Public Input

The newly defined term "enclosed assembled panel unit(s)" is incorporated into this requirement since it is a defined term. By definition, "enclosed assembled panel units" are essentially, in part, assembled panel units which are enclosed. This requirement now correctly incorporates both the enclosure and what it encloses.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3551-NFPA 70-2026 [New Definition after Definition: Enclosed.]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Thu Apr 09 13:11:16 EDT 2026
Committee: NEC-P01

Public Input No. 863-NFPA 70-2026 [Section No. 110.28]

110.28 Enclosure Types.

Other than surrounding fences or walls, enclosures of switchboards, switchgear, enclosed panelboards, industrial control panels, motor control centers, meter sockets, enclosed switches, transfer switches, power outlets, circuit breakers, adjustable-speed drive systems, pullout switches, portable power distribution equipment, termination boxes, general-purpose transformers, fire pump controllers, fire pump motors, and motor controllers, and intended for such locations, shall be marked with an enclosure-type number as shown in Table 110.28.

Table 110.28 shall be used for selecting these enclosures for use in specific locations other than hazardous (classified) locations. The enclosures are not intended to protect against conditions such as condensation, icing, corrosion, or contamination that may occur within the enclosure or enter via the raceway or unsealed openings.

Table 110.28 Enclosure Selection

Provides a Degree of Protection Against the Following Environmental Conditions	For Outdoor or Indoor Use									
	Enclosure Type Number									
	3	3R	3S	3X	3RX	3SX	4	4X	6	6P
Incidental contact with the enclosed equipment	X	X	X	X	X	X	X	X	X	X
Rain, snow, and sleet	X	X	X	X	X	X	X	X	X	X
Sleet*	—	—	X	—	—	X	—	—	—	—
Windblown dust	X	—	X	X	—	X	X	X	X	X
Hosedown	—	—	—	—	—	—	X	X	X	X
Corrosive agents	—	—	—	X	X	X	—	X	—	X
Temporary submersion	—	—	—	—	—	—	—	—	X	X
Prolonged submersion	—	—	—	—	—	—	—	—	—	X

Provides a Degree of Protection Against the Following Environmental Conditions	For Indoor Use Only												
	Enclosure Type Number												
	1	2	~~4~~	~~4X~~			5	~~6~~	~~6P~~		12	12K	13
Incidental contact with the enclosed equipment	X	X			X			X	X	X	~~X~~	~~X~~	~~X~~
Falling dirt	X	X			X			X	X	X	~~X~~	~~X~~	~~X~~
Falling liquids and light splashing	—	X			X			X	X	X	~~X~~	~~X~~	~~X~~
Circulating dust, lint, fibers, and flyings	—	—	~~X~~	~~X~~			—			X	X	~~X~~	~~X~~
Settling airborne dust, lint, fibers, and flyings	—	—			X			X	X	X	~~X~~	~~X~~	~~X~~
Hosedown and splashing water	—	—	~~X~~	~~X~~			—	~~X~~	~~X~~		—	—	—
Oil and coolant seepage	—	—			—	—	—	—	—		X	X	X
Oil or coolant spraying and splashing	—	—			—			—	—	—	—	—	X
Corrosive agents	—	—			—	~~X~~			—	—	~~X~~	—	—
Temporary submersion	—	—			—			—	—	~~X~~	~~X~~	—	—
Prolonged submersion	—	—			—			—	—	—	~~X~~	—	—

*The mechanism shall be operable when ice covered.

Informational Note No. 1: The term *raintight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 6, and 6P. The term *rainproof* is typically used in conjunction with Enclosure Types 3R and 3RX. The term *watertight* is typically used in conjunction with Enclosure Types 4, 4X, 6, and 6P. The term *driptight* is typically used in conjunction with Enclosure Types 2, 5, 12, 12K, and 13. The term *dusttight* is typically used in conjunction with Enclosure Types 3, 3S, 3SX, 3X, 4, 4X, 5, 6, 6P, 12, 12K, and 13.

Informational Note No. 2: See ANSI/IEC 60529, *Degrees of Protection Provided by Enclosures*, for ingress protection (IP) ratings.

Informational Note No. 3: See 502.10(A)(3), 502.10(B)(4), 503.10(A)(2), and 506.15(C)(3) for information on the use of dusttight enclosures in hazardous locations.

Informational Note No. 4: Some enclosure types, such as 12, 12K, or 13 enclosures, may be marked with an ancillary “-XH” for corrosive and hosedown capable indoor enclosure.

Informational Note No. 5: Some type 4X enclosures may be marked “indoor only.”

Informational Note No. 6: See NEMA EN 10250-2024 (formerly known as NEMA 250), *Enclosures for Electrical Equipment (1000 Volts Maximum)*, for the description of the “Enclosure Type Rating: Ancillary — PW for Pressure Wash and XH for Corrosive — and Hosedown — Capable Indoor Enclosures.”

Additional Proposed Changes

File Name	Description	Approved
Table_110.28.docx	Revised Table 110.28	

Statement of Problem and Substantiation for Public Input

Table 110.28 is divided into Outdoor enclosure types and Indoor enclosure types. All outdoor use enclosure types are inherently suitable for use indoors according to ANSI/UL 50E, ANSI NEMA 250, and ANSI/NEMA 10250. Table 110.28 repeated the enclosure types for types 4, 4X, 6 and 6P in the indoor use portion of the table. Although this information is correct, it is incomplete since the type 3, 3R, 3S, 3X, 3RX and 3SX were excluded from the indoor portion of the table. As such, this implies that those six enclosure types are not suitable for indoor use. As an editorial correction to the table, the title of the outdoor enclosure types is changed to Outdoor and Indoor Use to indicate that those enclosure types can be used anywhere. The indoor portion of the table is modified to remove the references to types 4, 4X, 6, and 6P as those are already addressed in Outdoor and Indoor Use portion of the table. There is no technical change to the enclosure types. The change simply makes the table accurate compared to the enclosure types ratings. A Word document version of the change is also submitted to show the changes in the event that they are not clear in Terra.

Submitter Information Verification

Submitter Full Name: Joseph Bablo
Organization: UL Solutions
Street Address:
City:
State:
Zip:
Submittal Date: Tue Feb 03 10:36:10 EST 2026
Committee: NEC-P01

Table 110.28 Enclosure Selection

Provides a Degree of Protection Against the Following Environmental Conditions	For Outdoor or Indoor Use — Enclosure Type Number									
	3	3R	3S	3X	3RX	3SX	4	4X	6	6P
Incidental contact with the enclosed equipment	X	X	X	X	X	X	X	X	X	X
Rain, snow, and sleet	X	X	X	X	X	X	X	X	X	X
Sleet*	—	—	X	—	—	X	—	—	—	—
Windblown dust	X	—	X	X	—	X	X	X	X	X
Hosedown	—	—	—	—	—	—	X	X	X	X
Corrosive agents	—	—	—	X	X	X	—	X	—	X
Temporary submersion	—	—	—	—	—	—	—	—	X	X
Prolonged submersion	—	—	—	—	—	—	—	—	—	X

Provides a Degree of Protection Against the Following Environmental Conditions	For Indoor Use Only — Enclosure Type Number									
	1	2	~~4~~	~~4X~~	5	~~6~~	~~6P~~	12	12K	13
Incidental contact with the enclosed equipment	X	X	~~X~~	~~X~~	X	~~X~~	~~X~~	X	X	X
Falling dirt	X	X	~~X~~	~~X~~	X	~~X~~	~~X~~	X	X	X
Falling liquids and light splashing	—	X	~~X~~	~~X~~	X	~~X~~	~~X~~	X	X	X
Circulating dust, lint, fibers, and flyings	—	—	~~X~~	~~X~~	—	~~X~~	~~X~~	X	X	X
Settling airborne dust, lint, fibers, and flyings	—	—	~~X~~	~~X~~	X	~~X~~	~~X~~	X	X	X

Hosedown and splashing water	—	—	X	X	—	X	X	—	—	—
Oil and coolant seepage	—	—	—	—	—	—	—	X	X	X
Oil or coolant spraying and splashing	—	—	—	—	—	—	—	—	—	X
Corrosive agents	—	—	—	X	—	—	X	—	—	—
Temporary submersion	—	—	—	—	—	X	X	—	—	—
Prolonged submersion	—	—	—	—	—	—	X	—	—	—

*The mechanism shall be operable when ice covered.

Public Input No. 3168-NFPA 70-2026 [Section No. 110.29]

~~**110.29** In Sight From (Within Sight From, Within Sight).~~

~~Where this code specifies that equipment shall be "in sight from," "within sight from," or "within sight of" a building or structure or other equipment, the specified equipment shall be visible and not more than 15 m (50 ft) from the building, structure, or other equipment.~~

Statement of Problem and Substantiation for Public Input

Relocate this requirement, and 110.39, into 110.23. This eliminates redundancy as the 110.39 (Article Part III) requirement and the 110.29 (Article 110 Part II) requirement would reside in Part I of Article 110, General< which would apply generally.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1869-NFPA 70-2026 [Section No. 110.23]	Correlating action
Public Input No. 3170-NFPA 70-2026 [Section No. 110.23]	Correlating action
Public Input No. 3173-NFPA 70-2026 [Section No. 110.39]	correlating action
Public Input No. 3173-NFPA 70-2026 [Section No. 110.39]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 11:07:35 EDT 2026
Committee: NEC-P01

Public Input No. 3181-NFPA 70-2026 [Section No. 110.29]

110.29 In Sight From (Within Sight From, Within Sight).

Where this code specifies that equipment shall be “in sight from,” “within sight from,” or “within sight of” a building or structure or other equipment, the specified equipment shall be visible and the path of travel between the two points not more than 15 m (50 ft) from the building, structure, or other equipment.

Statement of Problem and Substantiation for Public Input

The phrase "the path of travel between the two points" is added to clarify that the equipment must be both visible as well as be easily and quickly accessible - in this case within 50 feet per this requirement. For example, in situations where one can see the disconnecting means through a window or down to a lower level from a balcony (it would be both visible and literally within 50 feet), yet the most direct travel path one could take to travel between the two points described in this requirement would be greater than 50 feet. This recommendation is to clarify the application of this requirement that it is a violation of this requirement for one to have to travel any distance more than 50 feet to reach the equipment even though is visible such as where it can be viewed through a window or glass wall, for example.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 11:48:38 EDT 2026
Committee: NEC-P01

Public Input No. 3016-NFPA 70-2026 [Section No. 110.31(A)(5)]

(5) Transformers.

Where a transformer is installed in a vault as required by Article 450 Part II, the vault shall be constructed in accordance with Article 450 Part III.

Informational Note No. 1: See ASTM E119-2022, *Method for Fire Tests of Building Construction and Materials*, for additional information, and see NFPA 80, *Standard for Fire Doors and Other Opening Protectives*.

~~Informational Note No. 2: A typical 3-hour construction is 150 mm (6 in.) thick reinforced concrete.~~

Statement of Problem and Substantiation for Public Input

The formatting and structure of the informational note No.2 does not comply with the NEC Style Manual 2.1.10.3 to "See", "Referenced Standard", "Standard Title", "Section Number", Explanation of the Reference". The note can deleted or relocated to Annex A if the panel wants to maintain the information.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: Independent Electrical Contractors
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Tue Apr 07 15:21:02 EDT 2026
Committee: NEC-P01

Public Input No. 2083-NFPA 70-2026 [Section No. 110.31 [Excluding any Sub-Sections]]

Electrical installations in a vault, room, or closet or in an area surrounded by a wall, screen, or fence, access to which is controlled by locks or other approved means, shall be considered to be accessible to qualified persons only. The type of enclosure used in a given case shall be designed and constructed according to the nature and degree of the hazards associated with the installation.

For installations other than equipment as described in 110.31(D), a wall, screen, or fence shall be used to enclose an outdoor electrical installation to deter access by persons who are not qualified. A fence shall not be less than 2.1 m (7 ft) in height or a combination of 1.8 m (6 ft) or more of fence fabric and a 300 mm (1 ft) or more extension utilizing three or more strands of barbed wire or equivalent. The distance from the fence to live parts shall be not less than given in Table 110.31.

Table 110.31 Minimum Distance from Fence to Live Parts

	Minimum Distance to Live Parts	
Nominal Voltage	m	ft
1001–13,799 ac or 1501–13,799 dc	3.05	10
13,800–230,000 ac or dc	4.57	15
Over 230,000 ac or dc	5.49	18

Informational Note No 1 : See ANSI/IEEE C2-2023, *National Electrical Safety Code*, for clearances of conductors for specific system voltages and typical BIL ratings.

Informational Note No 2- See 270.14 for grounding of metal fences

Statement of Problem and Substantiation for Public Input

This will provide a link to 270.14 where requirements and details of grounding of metal fences is covered

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2079-NFPA 70-2026 [Section No. 270.14(A)]	

Submitter Information Verification

Submitter Full Name: Daleep Mohla
Organization: Self
Street Address:
City:
State:
Zip:

Submittal Date: Sun Mar 29 21:02:32 EDT 2026
Committee: NEC-P01

Public Input No. 2659-NFPA 70-2026 [New Section after 110.32]

Article 110.32 (new section) Electric Rooms shall meet all the following requirements:

(1) **Limit unauthorized access.**

(2) **Contain electrical equipment: transformers capacitors, panelboards, switchgear, and the like.**

(3) **Be free from combustible storage.**

(4) **Provide door panic hardware.**

(5) **Provide emergency lighting.**

(6) **Designed with a fire resistive rating, by a qualified Registered Design Professional (RDP).**

Statement of Problem and Substantiation for Public Input

The Massachusetts Boards of Fire Prevention Regulations and State Examiners of Electricians who oversee the electrical code promulgation and enforcement respectfully encourages the National Electrical Code (NEC) Technical Committee, Correlating Committee and Code Making Panel 1 to consider the attached proposal for requirements in an Electric Room over 1000 volts ac, 1500 volts dc, nominal. Numerous documents, such as NFPA 13 and the ICC offer guidance; however, neither those documents nor the NEC provide any definitive language to enforce. This has caused difficulty with interpretations and enforcement. Adding this section to the article will provide the requirements for what an electric room can and cannot be used for as well as the design specifications of such rooms.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2658-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2657-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2656-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2654-NFPA 70-2026 [New Definition after Definition: Electric Power Production ...]	
Public Input No. 2661-NFPA 70-2026 [New Section after 110.32]	
Public Input No. 2654-NFPA 70-2026 [New Definition after Definition: Electric Power Production ...]	
Public Input No. 2656-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2657-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2658-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2661-NFPA 70-2026 [New Section after 110.32]	

Submitter Information Verification

Submitter Full Name: Chris Towski

Organization:

Affiliation:	MA Boards of Fire Prevention Regulations and State Examiners of Electricians
Street Address:	
City:	
State:	
Zip:	
Submittal Date:	Sat Apr 04 17:21:36 EDT 2026
Committee:	NEC-P01

Public Input No. 2661-NFPA 70-2026 [New Section after 110.32]

Article 110.32 (new section) Exception:

An electric room shall not be required when a Registered Design Professional demonstrates to an AHJ, and it is agreed that one is not necessary.

Statement of Problem and Substantiation for Public Input

The Massachusetts Boards of Fire Prevention Regulations and State Examiners of Electricians who oversee the electrical code promulgation and enforcement respectfully encourages the National Electrical Code (NEC) Technical Committee, Correlating Committee and Code Making Panel 1 to consider the attached proposal for requirements in an Electric Room over 1000 volts ac, 1500 volts dc, nominal. Numerous documents, such as NFPA 13 and the ICC offer guidance; however, neither of these documents nor the NEC provide flexibility for Registered Design Professionals nor Authority Having Jurisdiction personnel to make site specific determinations. This has caused difficulty with interpretations and enforcement. This exception would allow for flexibility when both the registered design professional and the authority having jurisdiction agree that such application is not necessary for the application presented.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2659-NFPA 70-2026 [New Section after 110.32]	
Public Input No. 2658-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2657-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2656-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2654-NFPA 70-2026 [New Definition after Definition: Electric Power Production ...]	
Public Input No. 2654-NFPA 70-2026 [New Definition after Definition: Electric Power Production ...]	
Public Input No. 2656-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2657-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2658-NFPA 70-2026 [New Section after 110.26(F)]	
Public Input No. 2659-NFPA 70-2026 [New Section after 110.32]	

Submitter Information Verification

Submitter Full Name: Chris Towski

Organization:

Affiliation: MA Boards of Fire Prevention Regulations and State Examiners of Electricians

Street Address:

City:

State:

Zip:

Submittal Date: Sat Apr 04 17:24:58 EDT 2026

Committee: NEC-P01

Public Input No. 1186-NFPA 70-2026 [Section No. 110.33]

110.33 Entrance to Enclosures and Access to Working Space.

(A) Entrance.

At least one entrance to enclosures for electrical installations as described in 110.31 not less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high shall be provided to give access to the working space about electrical equipment.

Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high.

(1) Large Equipment.

~~On switchgear~~ For switchgear and control panels exceeding 1.8 m (6 ft) in width, there shall be one entrance at each end of the equipment. A single entrance to the required working space shall be permitted where either of the conditions in 110.33(A)(1)(a) or 110.33(A)(1)(b) is met.

(a) *Unobstructed ~~Exit~~ Egress* . Where the location permits a continuous and unobstructed way of ~~exit~~ egress travel, a single entrance to the working space shall be permitted.

(b) *Extra Working Space.* Where the depth of the working space is twice that required by 110.34(A), a single entrance shall be permitted. It shall be located so that the distance from the equipment to the nearest edge of the entrance is not less than the minimum clear distance specified in Table 110.34(A) for equipment operating at that voltage and in that condition.

(2) Guarding.

Where bare energized parts at any voltage or insulated energized parts are located adjacent to such entrance, they shall be suitably guarded.

(3) Personnel Doors.

Where there are personnel doors intended for entrance to and egress from the working space less than 7.6 m (25 ft) from the nearest edge of the working space, the doors shall open at least 90 degrees in the direction of egress and be equipped with listed panic hardware or listed fire exit hardware.

Informational Note: See UL 305, *Standard for Panic Hardware*, for additional information, and UL 10C, *Standard for Safety for Positive Pressure Fire Tests of Door Assemblies*.

(B) Access.

Permanent ladders or stairways shall be provided to give safe access to the working space around electrical equipment installed on platforms, balconies, or mezzanine floors or in attic or roof rooms or spaces.

Additional Proposed Changes

File Name	Description	Approved
0-2a-Proposed_changes_to_110.33_to_match_110.26_language-exit_to_egress_.docx	Word document, showing proposed revisions highlighted in yellow.	

Statement of Problem and Substantiation for Public Input

Editorial changes only-no technical changes proposed.
The use of "On" vs "For" and "Exit" vs "Egress" interchangeably within Article 110 is inconsistent and can be confusing at times. Section 110.33 (for equipment over 1000 Volts ac..)

repeats language for required spaces about electrical equipment found in 110.26 (for equipment not over 1000 Volts ac..) The proposed changes "On switchgear" in 110.33 changed to "For switchgear" and "Exit" in 110.33 changed to "Egress" revises language in 110.33 to match the language used in 110.26 to align with The National Electrical Code Style manual-section 3.5.5 Parallel Construction. which states "Requirements that are the same or similar shall use parallel construction for consistency. "

Submitter Information Verification

Submitter Full Name: Jamie Schnick
Organization: HCAI/OSHPD
Affiliation: State of California
Street Address:
City:
State:
Zip:

Submittal Date: Wed Feb 25 10:42:30 EST 2026
Committee: NEC-P01

In Existing 2026 NEC

110.26 Spaces About Electrical Equipment.

(C) Entrance to and Egress from Working Space.

(1) Minimum Required.

At least one entrance of sufficient area shall be provided to give access to and egress from working space about electrical equipment.

(2) Large Equipment. For large equipment that contains OCPDs, switching devices, or control devices, there shall be one entrance to and egress from the required working space not less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high at each end of the working space. This requirement shall apply to either of the following conditions:

(1) For equipment rated 1200 amperes or more and over 1.8 m (6 ft) wide

(2) For disconnecting means installed in accordance with 225.33(A) or 230.71(B) where the combined ampere rating is 1200 amperes or more and where the combined width is over 1.8 m (6 ft)

A single entrance to and egress from the required working space shall be permitted where either of the conditions in 110.26(C)(2)(a) or 110.26(C)(2)(b) is met.

(a) *Unobstructed Egress*. Where the location permits a continuous and unobstructed way of egress travel, a single entrance to the working space shall be permitted.

(b) *Extra Working Space.* Where the depth of the working space is twice that required by 110.26(A)(1), a single entrance shall be permitted. It shall be located such that the distance from the equipment to the nearest edge of the entrance is not less than the minimum clear distance specified in Table 110.26(A)(1) for equipment operating at that voltage and in that condition.

Proposed Changes

110.26 Spaces About Electrical Equipment.

(C) Entrance to and Egress from Working Space.

(1) Minimum Required.

At least one entrance of sufficient area shall be provided to give access to and egress from working space about electrical equipment.

(2) Large Equipment. For large equipment that contains OCPDs, switching devices, or control devices, there shall be one entrance to and egress from the required working space not less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high at each end of the working space. This requirement shall apply to either of the following conditions:

(1) For equipment rated 1200 amperes or more and over 1.8 m (6 ft) wide

(2) For disconnecting means installed in accordance with 225.33(A) or 230.71(B) where the combined ampere rating is 1200 amperes or more and where the combined width is over 1.8 m (6 ft)

A single entrance to and egress from the required working space shall be permitted where either of the conditions in 110.26(C)(2)(a) or 110.26(C)(2)(b) is met.

(a) *Unobstructed Egress*. Where the location permits a continuous and unobstructed way of egress travel, a single entrance to the working space shall be permitted.

(b) *Extra Working Space.* Where the depth of the working space is twice that required by 110.26(A)(1), a single entrance shall be permitted. It shall be located such that the distance from the equipment to the nearest edge of the entrance is not less than the minimum clear distance specified in Table 110.26(A)(1) for equipment operating at that voltage and in that condition.

110.33 Entrance to Enclosures and Access to Working Space.

(A) Entrance.

(1) Large Equipment.

On switchgear and control panels exceeding 1.8 m (6 ft) in width, there shall be one entrance at each end of the equipment. A single entrance to the required working space shall be permitted where either of the conditions in 110.33(A)(1)(a) or 110.33(A)(1)(b) is met.

(a) *Unobstructed Exit.* Where the location permits a continuous and unobstructed way of exit travel, a single entrance to the working space shall be permitted.

(b) *Extra Working Space.* Where the depth of the working space is twice that required by 110.34(A), a single entrance shall be permitted. It shall be located so that the distance from the equipment to the nearest edge of the entrance is not less than the minimum clear distance specified in Table 110.34(A) for equipment operating at that voltage and in that condition

110.33 Entrance to Enclosures and Access to Working Space.

(A) Entrance.

(1) Large Equipment.

~~On~~ For switchgear and control panels exceeding 1.8 m (6 ft) in width, there shall be one entrance at each end of the equipment. A single entrance to the required working space shall be permitted where either of the conditions in 110.33(A)(1)(a) or 110.33(A)(1)(b) is met.

(a) *Unobstructed ~~Exit~~ Egress.* Where the location permits a continuous and unobstructed way of ~~exit~~ egress travel, a single entrance to the working space shall be permitted.

(b) *Extra Working Space.* Where the depth of the working space is twice that required by 110.34(A), a single entrance shall be permitted. It shall be located so that the distance from the equipment to the nearest edge of the entrance is not less than the minimum clear distance specified in Table 110.34(A) for equipment operating at that voltage and in that condition

Public Input No. 59-NFPA 70-2025 [Section No. 110.33(A) [Excluding any Sub-Sections]]

At least one entrance to enclosures for electrical installations as described in 110.31 not less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high shall be provided to give access to the working space about electrical equipment.

Open equipment doors shall not impede access to and egress from the working space. Access or egress is impeded if one or more simultaneously opened equipment doors restrict working space access to be less than 610 mm (24 in.) wide and 2.0 m (6½ ft) high.

" Restricted Industrial Establishments may consider the egress measurement as a single section fully extended with an additional 24inches (working clearances apply) provided the following requirements are met:

A. A minimum of two paths of egress must be available from any location in a working space.

B. Equipment across aisles may not be racked out simultaneously such that egress is impeded. Equipment immediately across an aisle cannot be opened/fully extended at the same time unless 24in is available while fully extended."

Statement of Problem and Substantiation for Public Input

Depending on Authority Having Jurisdiction (AHJ) interpretation, the egress accommodation first introduced in the 2023 edition of the NEC may impose significant and unnecessary construction costs and risk cancellation of modernization projects in brownfield industrial installations.

This proposal seeks to clarify and refine the egress requirement to preserve the original intent of ensuring personnel safety while maintaining practical design flexibility. I presented a white paper on this issue at the 2025 IEEE PCIC Safety Subcommittee in Dallas, TX, summarizing our findings, interpretation, and demonstrated safe practices for low-voltage scenarios. The following points outline the basis for this proposed clarification for equipment over 1000V.

1. Compliance with Established Safety Standards

The proposed change maintains full alignment with established OSHA and NFPA electrical safety requirements.
NFPA 70E Articles 130.4 and 130.7(E), together with OSHA 1910.269(l)(2) and 1910.333, prescribe safe work practices around energized equipment, including:

Minimum approach distances,

Use of insulating barriers and protective equipment, and

Maintenance of working distances and approach boundaries.

These requirements inherently prevent unsafe conditions such as the simultaneous opening of opposing switchgear doors across an aisle.

Industry standards further support this safety framework. IEEE 979 (Guide for Substation Fire Protection) and IEEE 1653 (Guide for Traction Power Substation Design) both endorse staged energization—energizing one lineup or section at a time—to limit exposure to fault or fire hazards during commissioning and maintenance. Although specific to utility and traction power systems, the principle of limiting simultaneous exposure aligns directly with best practices for industrial power distribution.

2. Consistency with NEC Exemptions and Industrial Practice

The proposed exemption aligns with long-standing NEC provisions that recognize "Restricted Industrial

Establishments” (Article 100) as controlled environments managed by qualified personnel.

In such facilities—such as Power Distribution Centers (PDCs), Motor Control Centers (MCCs), and Remote Instrument & Electrical (RIE) buildings—spaces are normally unoccupied and accessed only by trained technicians. These facilities employ comprehensive electrical safety programs, including lockout/tagout (LOTO), formalized training, and routine audits.

Accordingly, this change maintains consistency with both the spirit and structure of existing NEC exemptions, which accommodate environments where risks are managed through procedural controls and personnel qualification rather than purely physical layout requirements.

3. Functional Parity with Electric Utilities

While public utilities benefit from the NEC exclusion under 90.2(B)(5), many private industrial operators maintain internal distribution systems of comparable scale and hazard potential.

It is therefore reasonable that these facilities—operating as self-contained utilities—be afforded comparable flexibility, provided they maintain restricted access and documented training programs. This ensures equivalent levels of protection while acknowledging their operational and regulatory context.

4. Practical Design Constraints

Factory-assembled, UL-listed, and arc-resistant switchgear presents unique limitations that restrict field modification. Altering door swing, structure, or spacing may void certification or compromise arc-containment design.

Solutions such as 180-degree door swings often interfere with adjacent equipment or internal wiring, while wider aisle requirements impose disproportionate spatial and cost impacts—particularly in brownfield facilities with constrained real estate.

In many cases, these projects aim to enhance process reliability and environmental safety; thus, overly rigid egress interpretations may inadvertently delay or discourage essential modernization.

5. Intent and Scope of the Exemption

The proposed clarification ensures:

Multiple routes of egress are maintained where required,

Safe working conditions are preserved for qualified personnel, and

Local inspectors and AHJs receive clear, enforceable guidance aligned with the code’s intent.

This proposal balances personnel safety with the operational realities of industrial environments, upholding the NEC’s mission of practical safeguarding of persons and property from electrical hazards.

Submitter Information Verification

Submitter Full Name: Alan Clemenson
Organization: Anvil corp
Street Address:
City:
State:
Zip:
Submittal Date: Fri Oct 10 15:49:19 EDT 2025
Committee: NEC-P01

Public Input No. 1590-NFPA 70-2026 [Section No. 110.34(A)]

(A) Working Space.

Except as elsewhere required or permitted in this code, equipment ~~likely~~ likely to require examination, adjustment, servicing, or maintenance while energized shall have clear working space in the direction of access to live parts of the electrical equipment and shall be not less than specified in Table 110.34(A). Distances shall be measured from the live parts, if such are exposed, or from the enclosure front or opening if such live parts are enclosed. The grade, floor, or platform in the required working space shall be kept clear, and the floor, grade, or platform in the working space shall be as level and flat as practical for the entire depth and width of the working space.

Exception: Working space shall not be required in back of equipment such as switchgear or control assemblies where there are no renewable or adjustable parts ~~(~~ such as fuses or ~~switches) on~~ switches on the back and where all connections are accessible from locations other than the back. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum working space of 762 mm (30 in.) horizontally shall be provided.

Informational Note: See the definition of equipment. This requirement is not intended to apply to all of the terms in the general definition of equipment. It is intended to apply to service equipment and feeder-supplied equipment, such as switchboards, switchgear, enclosed panelboards, industrial control panels, meter socket enclosures, and motor control centers that are likely to require examination, adjustment, servicing, or maintenance while energized.

Table 110.34(A) Minimum Depth of Clear Working Space at Electrical Equipment

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
1001–2500 ac or 1501–2500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)
2501–9000 ac or dc	1.2 m (4 ft)	1.5 m (5 ft)	1.8 m (6 ft)
9001–25,000 ac or dc	1.5 m (5 ft)	1.8 m (6 ft)	2.8 m (9 ft)
25,001–75,000 ac or dc	1.8 m (6 ft)	2.5 m (8 ft)	3.0 m (10 ft)
Above 75,000 ac or dc	2.5 m (8 ft)	3.0 m (10 ft)	3.7 m (12 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

Statement of Problem and Substantiation for Public Input

This revision adds a new informational note to clarify the types of equipment where working space is required for ready and safe operation and maintenance of such equipment. identifies the types of equipment where working space is required for ready and safe operation and maintenance of such equipment. The equipment list aligns with the arc-flash hazard marking requirements for equipment listed in 110.16. The recommendation clarifies the application of the general definition of equipment which as written literally requires working space where luminaires and devices are installed. In addition, the parenthesis are removed in the exception to comply with the NEC Style Manual regarding sentence structure 3.5.1.1.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: IEC
Affiliation: IEC Codes and Standards
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 17 08:43:27 EDT 2026
Committee: NEC-P01

Public Input No. 1847-NFPA 70-2026 [Section No. 110.34(A)]

(A) Working Space.

Except as elsewhere required or permitted in this code, equipment likely to require examination, adjustment, servicing, or maintenance while energized shall have clear working space in the direction of access to live parts of the electrical equipment and shall be not less than specified in Table 110.34(A). Distances shall be measured from the live parts, if such are exposed, or from the enclosure front or opening if such live parts are enclosed. The grade, floor, or platform in the required working space shall be kept clear, and the floor, grade, or platform in the working space shall be as level and flat as practical for the entire depth and width of the working space.

Exception: Working space shall not be required in back of equipment such as switchgear or control assemblies where there are no renewable or adjustable parts (such as fuses or switches) on the back and where all connections are accessible from locations other than the back. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum working space of 762 mm (30 in.) horizontally shall be provided.

Table 110.34(A) Minimum Depth of Clear Working Space at Electrical Equipment

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
1001–2500 ac or 1501–2500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)
2501–9000 ac or dc	1.2 m (4 ft)	1.5 m (5 ft)	1.8 m (6 ft)
9001–25,000 ac or dc	1.5 m (5 ft)	1.8 m (6 ft)	2.8 m (9 ft)
25,001–75,000 ac or dc	1.8 m (6 ft)	2.5 m (8 ft)	3.0 m (10 ft)
Above 75,000 ac or dc	2.5 m (8 ft)	3.0 m (10 ft)	3.7 m (12 ft)

Note 1 : Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

Note 2: Where the voltage is a DC buss of a variable frequency drive the maximum voltage between the DC buss shall be considered the maximum voltage

Statement of Problem and Substantiation for Public Input

The current format of the table lists the voltage to ground but doe not address the DC bus voltage of a VFD where the DC bus with capacitors for smoothing the DC voltage may or may not be grounded. The suggested note would require the maximum voltage of the DC bus to be used for the maximum clear distance.

Submitter Information Verification

Submitter Full Name: Dennis Querry

Organization: Trinity River Authority of Tex

Affiliation: IEC
Street Address:
City:
State:
Zip:
Submittal Date: Mon Mar 23 16:57:21 EDT 2026
Committee: NEC-P01

Public Input No. 2692-NFPA 70-2026 [Section No. 110.34(A)]

(A) Working Space.

Except as elsewhere required or permitted in this code, equipment likely to require examination, adjustment, servicing, or maintenance while energized shall have clear working space in the direction of access to live parts of the electrical equipment and shall be not less than specified in Table 110.34(A). Distances shall be measured from the live parts, if such are exposed, or from the enclosure front or opening if such live parts are enclosed. The grade, floor, or platform in the required working space shall be kept clear, and the floor, grade, or platform in the working space shall be as level and flat as practical for the entire depth and width of the working space.

Exception: Working space shall not be required in back of equipment such as switchgear or control assemblies where there are no renewable or adjustable parts (such as fuses or switches) on the back and where all connections are accessible from locations other than the back. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum working space of 762 mm (30 in.) horizontally shall be provided.

Table 110.34(A) Minimum Depth of Clear Working Space at Electrical Equipment

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
~~1001–2500~~ 501–2500 ac or ~~1501–2500~~ 751–2500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)
2501–9000 ac or dc	1.2 m (4 ft)	1.5 m (5 ft)	1.8 m (6 ft)
9001–25,000 ac or dc	1.5 m (5 ft)	1.8 m (6 ft)	2.8 m (9 ft)
25,001–75,000 ac or dc	1.8 m (6 ft)	2.5 m (8 ft)	3.0 m (10 ft)
Above 75,000 ac or dc	2.5 m (8 ft)	3.0 m (10 ft)	3.7 m (12 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

Statement of Problem and Substantiation for Public Input

This Public Input is submitted on behalf of the High Voltage Task Group established by the Correlating Committee, consisting of Robert Osborne (Chair), Paul Barnhart, Lou Grahor, Donny Cook, Scott Higgins, Mike Querry, Roger McDaniel, Dave Burns, Kevin Rogers, Tony Ricciuti, Paul Knapp, Paul Sullivan, George Smith, Michael O'Connell, Eric Simmon, Kevin Arnold, Larry Wildermuth, Kyle Krueger, Eric Stromberg, Ken Crawford, Rob Roettgers, William Brown, and William Alexander.

Changes are made to Table 110.34(A) to addresses the fact that Part III of Article 110 covers systems rated over 1000 Vac, 1500 Vdc (which would include systems where the Voltage to Ground would be over 501 volts ac and 751 volts dc). Table 110.26(A)(1) does cover systems where the voltage to ground is up to 1000 Vac, 1500 Vdc, and in a 2 wire system, this would cover up to these levels; however, in a 3-wire system, the voltage to ground would result in a system that is covered in Part III (i.e., a system with +800/-800 Vdc would be a 1600 Vdc system).

In a Related PI, an Informational Note to Table 110.26(A)(1) provides a pointer to Part III, since the “Voltage to Ground” in the table goes to 1000 Vac and 1500 Vdc.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2693-NFPA 70-2026 [Section No. 110.26(A)(1)]	
Public Input No. 2693-NFPA 70-2026 [Section No. 110.26(A)(1)]	

Submitter Information Verification

Submitter Full Name: Robert Osborne
Organization: UL Solutions
Street Address:
City:
State:
Zip:

Submittal Date: Sun Apr 05 09:53:08 EDT 2026
Committee: NEC-P01

Public Input No. 387-NFPA 70-2025 [Section No. 110.34(A)]

(A) Working Space.

Except as elsewhere required or permitted in this code, equipment likely to require examination, adjustment, servicing, or maintenance while energized shall have clear working space in the direction of access to live parts of the electrical equipment and shall be not less than specified in Table 110.34(A). Distances shall be measured from the live parts, if such are exposed, or from the enclosure front or opening if such live parts are enclosed. The grade, floor, or platform in the required working space shall be kept clear, and the floor, grade, or platform in the working space shall be as level and flat as practical for the entire depth and width of the working space.

Exception: Working space shall not be required in back of equipment such as switchgear or control assemblies where there are no renewable or adjustable parts (such as fuses or switches) on the back and where all connections are accessible from locations other than the back. Where rear access is required to work on nonelectrical parts on the back of enclosed equipment, a minimum working space of 762 mm (30 in.) horizontally shall be provided.

Table 110.34(A) Minimum Depth of Clear Working Space at Electrical Equipment

Nominal Voltage to Ground	Minimum Clear Distance		
	Condition 1	Condition 2	Condition 3
1001–2500 ac or 1501–2500 dc	900 mm (3 ft)	1.2 m (4 ft)	1.5 m (5 ft)
2501–9000 ac or dc	1.2 m (4 ft)	1.5 m (5 ft)	1.8 m (6 ft)
9001–25,000 ac or dc	1.5 m (5 ft)	1.8 m (6 ft)	2.8 m (9 ft)
25,001–75,000 ac or dc	1.8 m (6 ft)	2.5 m (8 ft)	3.0 m (10 ft)
Above 75,000 ac or dc	2.5 m (8 ft)	3.0 m (10 ft)	3.7 m (12 ft)

Note: Where the conditions are as follows:

Condition 1 — Exposed or enclosed live parts on one side of the working space and no exposed or enclosed live or grounded parts on the other side of the working space, or exposed live parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 — Exposed or enclosed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls shall be considered as grounded.

Condition 3 — Exposed or enclosed live parts on both sides of the working space.

Where more than one condition or nominal voltage exists simultaneously the largest dimension shall be used

Additional Proposed Changes

File Name	Description	Approved
110.34.png	Condition 2 and Condition 3 exist simultaneously	

Statement of Problem and Substantiation for Public Input

This revision is needed to clarify distances when more than one condition or nominal voltage exists simultaneously. For example: If there are enclosed or exposed live parts AND grounded parts on each side of the working space how do we determine which distance to use? Do we add condition 2 distance and condition 3 distance together? Do we use the larger dimension, or can we use the smaller dimension?

What if there are multiple nominal voltages involved? Which dimension do we use then? The Code presently does not tell us what to do.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 386-NFPA 70-2025 [Section No. 110.26(A)(1)]	Working space depth
Public Input No. 386-NFPA 70-2025 [Section No. 110.26(A)(1)]	

Submitter Information Verification

Submitter Full Name: Russ Leblanc
Organization: LeBlanc Consulting Services
Street Address:
City:
State:
Zip:

Submittal Date: Sun Dec 14 15:16:33 EST 2025
Committee: NEC-P01

Which distance from Table 110.34 should be used? Do we add the Condition 2 and Condition 3 distances together? Do we use the larger Condition 3 distance, or can we use the smaller Condition 2 distance? This needs to be clarified

Enclosed live parts AND grounded parts on this side of the working space



Enclosed live parts AND grounded parts on this side of the working space

Public Input No. 1589-NFPA 70-2026 [Section No. 110.34(B)]

(B) Separation from High-Voltage Equipment.

Where switches, cutouts, or other equipment operating at not over 1000 volts ac, 1500 volts dc, nominal, are installed in a vault, room, or enclosure where there are exposed live parts or exposed wiring operating at over 1000 volts ac, 1500 volts dc, nominal, the high-voltage equipment shall ~~be effectively separated~~ be separated from the space occupied by the equipment operating at 1000 volts ac, 1500 volts dc, nominal, or less by a ~~suitable~~ partition, fence, or screen.

Exception: Switches or other equipment operating at 1000 volts ac, 1500 volts dc, nominal, or less and serving only equipment within the high-voltage vault, room, or enclosure shall be permitted to be installed in the high-voltage vault, room, or enclosure without a partition, fence, or screen if accessible to qualified persons only.

Statement of Problem and Substantiation for Public Input

This revised text removes the subjective terms "effectively" and "suitable" to comply with the NEC Style Manual 3.2.1 regarding the use of unenforceable or vague terms. The revision maintains the intent of the requirement.

Submitter Information Verification

Submitter Full Name: David Hittinger
Organization: IEC
Affiliation: IEC Codes & Standards
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 17 08:28:23 EDT 2026
Committee: NEC-P01

Public Input No. 3173-NFPA 70-2026 [Section No. 110.39]

~~**110.39** In Sight From (Within Sight From, Within Sight).~~

~~Where this code specifies that equipment shall be "in sight from," "within sight from," or "within sight of" a building or structure or other equipment, the specified equipment shall be visible and not more than 15 m (50 ft) from the building, structure, or other equipment.~~

Statement of Problem and Substantiation for Public Input

Relocate this and the 110.29 requirement to 110.23 as 110.23 is in Part I of Article 110 which would apply generally and eliminate the need to the redundant 110.29 (Part II) and 110.39 (Part III) requirements.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3168-NFPA 70-2026 [Section No. 110.29]	Eliminates redundancy and NEC Style Manual compliance
Public Input No. 1869-NFPA 70-2026 [Section No. 110.23]	Correlated actions
Public Input No. 3170-NFPA 70-2026 [Section No. 110.23]	Correlated actions
Public Input No. 3168-NFPA 70-2026 [Section No. 110.29]	

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 11:13:05 EDT 2026
Committee: NEC-P01

Public Input No. 3184-NFPA 70-2026 [Section No. 110.39]

110.39 In Sight From (Within Sight From, Within Sight).

Where this code specifies that equipment shall be “in sight from,” “within sight from,” or “within sight of” a building or structure or other equipment, the specified equipment shall be visible and the path of travel between the two points not more than 15 m (50 ft) from the building, structure, or other equipment.

Statement of Problem and Substantiation for Public Input

The phrase "the path of travel between the two points" is added to clarify that the equipment must be both visible as well as be easily and quickly accessible - in this case within 50 feet per this requirement. For example, in situations where one can see the disconnecting means through a window or down to a lower level from a balcony (it would be both visible and literally within 50 feet), yet the most direct travel path one could take to travel between the two points described in this requirement would be greater than 50 feet. This recommendation is to clarify the application of this requirement that it is a violation of this requirement for one to have to travel any distance more than 50 feet to reach the equipment even though is visible such as where it can be viewed through a window or glass wall, for example.

Submitter Information Verification

Submitter Full Name: Palmer Hickman
Organization: Electrical Training Alliance
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 12:05:20 EDT 2026
Committee: NEC-P01

Public Input No. 2668-NFPA 70-2026 [Section No. 110.41]

110.41 ~~Inspections and Tests.~~ Electrical System Design, Documentation, Performance Tests, and Test Reports

(A) ~~Pre-energization and Operating Tests.~~

~~Where required elsewhere in this code, the~~

Design Documentation.

The complete electrical system design, including settings for protective, switching, and control circuits, shall be prepared in advance of the performance tests, as applicable, and made available on request to the authority having jurisdiction.

(B) Performance Tests.

The complete electrical system design in 110.41(A) shall be performance tested. The required performance tests shall include, but not be limited to, the requirements in 110.41(B)(1) through (7), as applicable.

Informational Note: Performance tests may include relevant pre-energization tests, acceptance tests, operating tests, and /or commissioning tests.

Each protection, switching, and control circuit shall be

~~tested when first installed on-site.~~

~~**(B)** Test Report.~~

~~A test report~~
adjusted in accordance with the system design and tested by actual operation using current injection or equivalent methods as necessary to ensure that each circuit and/or apparatus operates correctly to the satisfaction of the authority having jurisdiction.

(1) Instrument Transformers. All instrument transformers shall be tested to verify correct polarity and burden.

(2) Protective Relays. Each protective relay shall be demonstrated to operate by injecting current or voltage, or both, at the associated instrument transformer output terminal and observing that the associated switching and signaling functions occur correctly and in proper time and sequence to accomplish the protective function intended.

(3) Switching Circuits. Each switching circuit shall be observed to operate the associated equipment being switched.

(4) Control and Signal Circuits. Each control or signal circuit shall be observed to perform its proper control function or produce a correct signal [input/]output.

(5) Metering Circuits. All metering circuits shall be verified to operate correctly from voltage and current sources in a similar manner to protective relay circuits.

(6) Acceptance Tests. Complete acceptance tests shall be performed, after the installation is completed, on all assemblies, equipment, conductors, and control and protective systems, as applicable, to verify the integrity of all the systems.

(7) Relays and Metering Utilizing Phase Differences. All relays and metering that use phase differences for operation shall be verified by measuring phase angles at the relay under actual load conditions after operation commences.

(C) Test Reports.

Prior to final approval, a test report, or multiple test reports, covering the results of the tests required in 110.41(~~A~~ B) shall be made available, upon request, to the authority having jurisdiction ~~prior to energization~~ and ahall be made available to those authorized to install, operate, test, and maintain the system.

Additional Proposed Changes

File Name	Description	Approved
110.41_Clean_Copy_.docx	Clean Copy of Changes to 110.41	

Statement of Problem and Substantiation for Public Input

This Public Input is submitted on behalf of the High Voltage Task Group established by the Correlating Committee, consisting of Robert Osborne (Chair), Paul Barnhart, Lou Grahor, Donny Cook, Scott Higgins, Mike Querry, Roger McDaniel, Dave Burns, Kevin Rogers, Tony Ricciuti, Paul Knapp, Paul Sullivan, George Smith, Michael O'Connell, Eric Simmon, Kevin Arnold, Larry Wildermuth, Kyle Krueger, Eric Stromberg, Ken Crawford, Rob Roettgers, William Brown, and William Alexander.

The 2026 requirements in 110.41 and 267.42 are very similar. In preparation for this PI, they were reviewed and edited to improve clarity and to remove redundant requirements. The HVTG recommends that the more detailed requirements in 267.42 [Outside Branch Circuits and Feeders] be moved to 110.41 [General Requirements for Electrical Installations, Part III Over 1000V AC, 1500V DC] so that the requirements apply generally to branch circuits, feeders, outside feeders, and services.

The title of the section and the sub-part titles were re-titled to provide better clarity and organization of the design document, testing, and test report requirements.

It was noted that some required tests will need to be completed prior to energization and some required tests will need to be performed after energization as part of a complete performance test process. However, the 2026 language required that all pre-energization and operating tests needed to be performed prior to "energization". Modifications are proposed in this PI to clarify when the complete electrical design needs to be made available to the AHJ, when the performance tests need to be performed, and when the test report needs to be made available to the AHJ and O&M personnel.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2669-NFPA 70-2026 [Section No. 267.42]	
Public Input No. 2669-NFPA 70-2026 [Section No. 267.42]	

Submitter Information Verification

Submitter Full Name: Robert Osborne
Organization: UL Solutions
Street Address:
City:
State:
Zip:
Submittal Date: Sat Apr 04 19:34:49 EDT 2026
Committee: NEC-P01

110.41 Electrical System Design Documentation, Performance Tests, and Test Reports.

(A) Design Documentation
The complete electrical system design, including settings for protection, switching, and control circuits, shall be prepared in advance of the performance tests, as applicable, and made available on request to the authority having jurisdiction.

(B) Performance Tests.
The complete electrical system design in 110.41(A) shall be performance tested. The required performance tests shall include, but not be limited to, the requirements in 110.41(B)(1) through (7), as applicable.

> Informational Note: Performance tests may include relevant pre-energization tests, acceptance tests, operating tests, and/or commissioning tests.

Each protection, switching, and control circuit shall be adjusted in accordance with the system design and tested by actual operation using current injection or equivalent methods as necessary to ensure that each circuit and/or apparatus operates correctly to the satisfaction of the authority having jurisdiction.

(1) Instrument Transformers. All instrument transformers shall be tested to verify correct polarity and burden.
(2) Protective Relays. Each protective relay shall be demonstrated to operate by injecting current or voltage, or both, at the associated instrument transformer output terminal and observing that the associated switching and signaling functions occur correctly and in proper time and sequence to accomplish the protective function intended.
(3) Switching Circuits. Each switching circuit shall be observed to operate the associated equipment being switched.
(4) Control and Signal Circuits. Each control or signal circuit shall be observed to perform its proper control function or produce a correct signal [input/]output.
(5) Metering Circuits. All metering circuits shall be verified to operate correctly from voltage and current sources in a similar manner to protective relay circuits.
(6) Acceptance Tests. Complete acceptance tests shall be performed, after the installation is completed, on all assemblies, equipment, conductors, and control and protective systems, as applicable, to verify the integrity of all the systems.
(7) Relays and Metering Utilizing Phase Differences. All relays and metering that use phase differences for operation shall be verified by measuring phase angles at the relay under actual load conditions after operation commences.

(C) Test Reports.
Prior to final approval, a test report, or multiple test reports, covering the results of the tests required in 110.41(B) shall be made available, upon request, to the authority having jurisdiction and shall be made available to those authorized to install, operate, test, and maintain the system.

Public Input No. 3231-NFPA 70-2026 [Section No. 110.51(B)]

~~**(B)** Protection Against Physical Damage.~~

~~Conductors and cables in tunnels shall be located above the tunnel floor and so placed or guarded to protect them from physical damage.~~

Statement of Problem and Substantiation for Public Input

Input recommends deleting text from 110.51(B) for protection of conductors and cables over 1000 volts installed in tunnels from physical damage. Part IV of Article 110 does not appear to be a general wiring requirement for electrical installations as identified in the title of the Article. The part is unique to a specific occupancy (tunnels with electrical systems over 1000 volts ac, 1500 volts dc). Additionally, protection of all conductors (wiring integrity) is already covered in 110.7 and specific protection against physical damage of all wiring methods and cables over 1000 volts ac, 1500 volts dc is covered by section 305.14.

Submitter Information Verification

Submitter Full Name: Donald Cook
Organization: Retired
Affiliation: self
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 15:10:50 EDT 2026
Committee: NEC-P01

Public Input No. 3221-NFPA 70-2026 [Section No. 110.53]

~~**110.53** Conductors.~~

~~High-voltage conductors in tunnels shall be installed in metal raceway, Type MC cable, or other approved multiconductor cable. Multiconductor portable cable shall be permitted to supply mobile equipment.~~

Statement of Problem and Substantiation for Public Input

Input recommends deleting existing text from Article 110. Existing NEC Section 110.53 covering conductors installed in tunnels and operating over 1000 volts ac, 1500 volts dc, nominal. That requirement does not appear to be a general wiring requirement for electrical installations identified in the title of Article 110 of the 2026 NEC. If these conductor requirements are unique, this requirement should be relocated to Article 305 or in a special occupancy Article requirement in Chapter 5 of the 2026 NEC structure or Chapter 19 of proposed 2029 NEC Structure.

Submitter Information Verification

Submitter Full Name: Donald Cook
Organization: Retired
Affiliation: self
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 14:40:20 EDT 2026
Committee: NEC-P01

Public Input No. 3247-NFPA 70-2026 [Section No. 110.54]

~~**110.54** Bonding and Equipment Grounding Conductors.~~

~~All non-current-carrying metal parts of electrical equipment and all metal raceways and cable sheaths shall be solidly grounded and bonded to all metal pipes and rails at the portal and at intervals not exceeding 300 m (1000 ft) throughout the tunnel.~~

Statement of Problem and Substantiation for Public Input

This input recommends deleting current 110.54 text and relocating the grounding and bonding requirement to Article 270. See PI 3244.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 3244-NFPA 70-2026 [New Section after 270.112(G)]	Relocate text from Article 110 to Article 270

Submitter Information Verification

Submitter Full Name: Donald Cook
Organization: Retired
Affiliation: self
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 15:43:46 EDT 2026
Committee: NEC-P01

Public Input No. 3249-NFPA 70-2026 [Section No. 110.55]

~~**110.55** Transformers, Switches, and Electrical Equipment.~~

~~All transformers, switches, motor controllers, motors, rectifiers, and other equipment installed belowground shall be protected from physical damage by location or guarding.~~

Statement of Problem and Substantiation for Public Input

Input recommends deleting text from Article 110. Existing NEC Section 110.55 covering protection of specific equipment installed belowground in tunnel installations over 1000 volts ac, 1500 volts dc, nominal is redundant, not needed, and does not appear to be a general wiring requirement for electrical installations identified in the title of Article 110. Protection of all equipment is already covered in 110.12(B) making an additional requirement for equipment associated with equipment over 1000 volts in tunnels not necessary. Transformer protection from physical damage is also covered in 450.10.

Submitter Information Verification

Submitter Full Name: Donald Cook
Organization: Retired
Affiliation: self
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 15:50:27 EDT 2026
Committee: NEC-P01

Public Input No. 3336-NFPA 70-2026 [Section No. 110.56]

~~**110.56** Energized Parts.~~

~~Bare terminals of transformers, switches, motor controllers, and other equipment shall be enclosed to prevent accidental contact with energized parts.~~

Statement of Problem and Substantiation for Public Input

Input recommends deleting section 110.56 covering requirements for enclosing bare terminals of equipment utilized for tunnel installations over 1000 volts ac, 1500 volts dc, nominal. Part IV of Article 110 does not appear to be a general wiring requirement for electrical installations as identified in the title of the Article. The part is unique to a specific occupancy (tunnels with electrical systems over 1000 volts ac, 1500 volts dc). Additionally, 110.56 includes a requirement to enclose bare terminals to prevent accidental contact with energized parts. That requirement seems to be redundant and not needed. Guarding seems to already be covered in 110.33, 110.34, 430.232, and 450.10.

Submitter Information Verification

Submitter Full Name: Donald Cook
Organization: Retired
Affiliation: self
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 18:42:36 EDT 2026
Committee: NEC-P01

Public Input No. 3357-NFPA 70-2026 [Section No. 110.57]

~~**110.57** Ventilation System Controls.~~

~~Electrical controls for the ventilation system shall be arranged so that the airflow can be reversed.~~

Statement of Problem and Substantiation for Public Input

Input recommends deleting section 110.57 requirements for ventilation controls in tunnels supplied by circuits over 1000 volts ac, 1500 volts dc, nominal. While the requirement may be important, NEC 90.2(B) indicates the purpose of this code is the practical safeguarding of persons and property from hazards arising from the use of electricity. Ventilation seems to be a building and/or mechanical hazard, not an electrical hazard. It should be addressed in codes or standards covering those systems and by committees made up of individuals with education and experience in those fields.

Submitter Information Verification

Submitter Full Name: Donald Cook
Organization: Retired
Affiliation: self
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 20:44:52 EDT 2026
Committee: NEC-P01

Public Input No. 3360-NFPA 70-2026 [Section No. 110.58]

~~**110.58** Disconnecting Means.~~

~~A switch or circuit breaker that simultaneously opens all ungrounded conductors of the circuit shall be installed within sight of each transformer or motor location for disconnecting the transformer or motor. The switch or circuit breaker for a transformer shall have an ampere rating not less than the ampacity of the transformer supply conductors. The switch or circuit breaker for a motor shall comply with the applicable requirements of Article 430 Part IX.~~

Statement of Problem and Substantiation for Public Input

Input recommends deleting section 110.58 covering disconnect requirements for transformers and motors utilized for tunnel installations over 1000 volts ac, 1500 volts dc, nominal. Part IV of Article 110 does not appear to be a general wiring requirement for electrical installations as identified in the title of the Article. The part is unique to a specific occupancy (tunnels with electrical systems over 1000 volts ac, 1500 volts dc, nominal). Additionally, 110.58 includes disconnect requirements for transformers and motors. The requirements seem to be redundant and not needed. Articles 450 and 430 include disconnect requirements for that equipment. The requirement actually references the motor disconnect requirements in Article 430.

Submitter Information Verification

Submitter Full Name: Donald Cook
Organization: Retired
Affiliation: self
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 21:02:06 EDT 2026
Committee: NEC-P01

Public Input No. 3365-NFPA 70-2026 [Section No. 110.59]

~~**110.59** Enclosures.~~

~~Enclosures for use in tunnels shall be dripproof, weatherproof, or submersible as required by the environmental conditions. Switch or contactor enclosures shall not be used as junction boxes or as raceways for conductors feeding through or tapping off to other switches, unless the enclosures comply with 312.11 .~~

Statement of Problem and Substantiation for Public Input

Input recommends deleting section 110.59 covering enclosure requirements for tunnel installations over 1000 volts ac, 1500 volts dc, nominal. Part IV of Article 110 does not appear to be a general wiring requirement for electrical installations as identified in the title of the Article. The part is unique to a specific occupancy (tunnels with electrical systems over 1000 volts ac, 1500 volts dc, nominal). Additionally, 110.59 includes requirements that enclosures be rated for the environment where they are installed. The requirements seem to be redundant and not needed. NEC 110.11, 312.4, and 495.4 all include requirements to address environmental concerns for enclosures.

Submitter Information Verification

Submitter Full Name: Donald Cook
Organization: Retired
Affiliation: self
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 21:19:00 EDT 2026
Committee: NEC-P01

Public Input No. 815-NFPA 70-2026 [Section No. 110.71]

110.71 Strength.

Manholes, vaults, and their means of access ~~shall~~ , including wall penetrations, shall be designed under qualified engineering supervision and shall withstand all loads likely to be imposed on the structures.

Informational Note: See ANSI C2-2023, *National Electrical Safety Code,* for additional information on the loading that can be expected to bear on underground enclosures.

Statement of Problem and Substantiation for Public Input

The size, locations, and the methods used to penetrate the walls of manholes and vaults can be weaken the structures, jeopardizing the safety of those working in those spaces.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 802-NFPA 70-2026 [New Section after 110.79]	Wall penetrations wording was added to this existing text of 110.71 to partner with the newly proposed 110.80.
Public Input No. 802-NFPA 70-2026 [New Section after 110.79]	

Submitter Information Verification

Submitter Full Name: Norm Feck
Organization: SpaceX
Affiliation: self
Street Address:
City:
State:
Zip:

Submittal Date: Wed Jan 28 17:48:43 EST 2026
Committee: NEC-P01

Public Input No. 1101-NFPA 70-2026 [Section No. 110.72]

110.72 Cabling Work Space.

A clear work space not less than 900 mm (3 ft) wide shall be provided where cables are located on both sides, and not less than 750 mm (2½ ft) where cables are only on one side. The vertical headroom shall be not less than 1.8 m (6 ft) unless the opening is within 300 mm (1 ft), measured horizontally, of the adjacent interior side wall of the enclosure.

Exception: A manhole containing only ~~one~~ cables or ~~more of the following~~ conductors of limited energy systems shall be permitted to have one of the horizontal work space dimensions reduced to 600 mm (2 ft) where the other horizontal clear work space is increased so the sum of the two dimensions is not less than 1.8 m (6 ft)~~:

- *~~Optical fiber cables~~*
~~Power-limited fire alarm circuits supplied in accordance with 760~~ . ~~121~~
- *~~Class 2 or Class 3 remote-control and signaling circuits, or both, supplied in accordance with 721.30~~*
- *~~Class 4 fault-managed power circuits supplied in accordance with~~ ~~721.50~~*

Statement of Problem and Substantiation for Public Input

The term "limited energy system" was added in the 2026 edition to help reduce using lists of various circuit types such as the one in this exception. These circuits all fall under the umbrella term "limited energy."

Submitter Information Verification

Submitter Full Name: Ryan Jackson
Organization: Ryan Jackson Electrical Training
Street Address:
City:
State:
Zip:

Submittal Date: Fri Feb 20 12:43:09 EST 2026
Committee: NEC-P01

Public Input No. 1102-NFPA 70-2026 [Section No. 110.75(A)]

(A) Dimensions.

Rectangular access openings shall not be less than 650 mm × 550 mm (26 in. × 22 in.). Round access openings in a manhole shall be not less than 650 mm (26 in.) in diameter.

Exception: A manhole that has a fixed ladder that does not obstruct the opening or that contains only ~~one~~ cables or ~~more of the following~~ conductors of limited energy systems shall be permitted to reduce the minimum cover diameter to 600 mm (2 ft):

- ~~*Optical fiber cables*~~

~~*Power-limited fire alarm circuits supplied in accordance with 760 . 121*~~

- ~~*Class 2 or Class 3 remote-control and signaling circuits, or both, supplied in accordance with 721.30*~~
- ~~*Class 4 fault-managed power circuits supplied in accordance with 721.50*~~

Statement of Problem and Substantiation for Public Input

The defined term "limited energy" was added in 2026 to help reduce having to refer to the various types of circuits covered under that umbrella term. This promotes consistency with (the current) Chapter 7.

Submitter Information Verification

Submitter Full Name: Ryan Jackson
Organization: Ryan Jackson Electrical Training
Street Address:
City:
State:
Zip:

Submittal Date: Fri Feb 20 12:45:08 EST 2026
Committee: NEC-P01

Public Input No. 802-NFPA 70-2026 [New Section after 110.79]

110.80 Raceway and Cable Penetrations

(A) Raceways. Wall penetrations of vaults shall be factory prepared or field made with cored hole drilling equipment. Holes shall be neatly cut, not greatly oversized as compared to the outside diameter of the single allowed raceway to be installed, and effectively sealed after raceway installation.

(B) Cables. Any cable or cable assembly traveling through a vault wall shall be sleeved in an approved for the location raceway. Bushings or identified fittings providing a rounded surface shall be installed on any free ends of raceways sleeving cable.

Exception to 110.80(A): For trade sizes 1 1/4" and smaller, more than one raceway shall be permitted to share a cored hole provided 310.15C2 spacing between raceways is maintained and the penetrated vault wall is effectively sealed.

Informational Note 1: Sealing penetrations is of great importance to reduce the introduction of ground water and corrosive influences.

Informational Note 2: Penetrating vault floors should be avoided to reduce the introduction of ground water and corrosive influences.

Statement of Problem and Substantiation for Public Input

Installers have used hammering equipment to open vault walls for raceway entry. Large windows in vault walls are crudely made in the field instead of properly sized, neatly cut holes. Attempted repair and sealing of these windows does not work. Concrete forms collapse due to the weight of the concrete against forms that are an ill fit amongst single or multiple raceway entries. Strength integrity of the vault itself can be questioned where raceway entry windows are oversized or made with hammering equipment.
Without this code reference, electrical inspectors could cite 110.12B for damage, or 110.12 due to the installation not being installed in a professional or skillful manner but both of those are too vague for this repeat problem. Also, electrical inspectors are more apt to be proficient with things electrical, possibly not as much with compromised structural strengths.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 815-NFPA 70-2026 [Section No. 110.71]	The new 110.80 works with the existing but altered 110.71.
Public Input No. 815-NFPA 70-2026 [Section No. 110.71]	

Submitter Information Verification

Submitter Full Name: Norm Feck
Organization: SpaceX
Affiliation: self
Street Address:
City:
State:
Zip:

Submittal Date: Tue Jan 27 17:44:23 EST 2026
Committee: NEC-P01

Public Input No. 131-NFPA 70-2025 [Annex A]

Informative Annex A Informational References

Informative Annex A is not a part of the requirements of this NFPA document but is included for informational purposes only.

A.1 Referenced Publications.

Table A.1(1), Table A.1(2), and Table A.1(3) provide a list of publications that are referenced in this code. These references are current at the time of publication. New publications or modifications to existing publications can occur at any time while this edition of the code is in effect.

Table A.1(1) provides a list of NFPA publications referenced in this code. Table A.1(2) provides a list of product safety standards used for product listing where that listing is required by this code. Table A.1(3) provides a list of other publications referenced in this code.

Table A.1(1) NFPA Standards Referenced in NEC

Standard Number	Standard Title	Current Edition	Extract Edition
1	Fire Code	2024	
2	Hydrogen Technologies Code	2023	
13	Standard for the Installation of Sprinkler Systems	2025	
13D	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	2025	
20	Standard for the Installation of Stationary Pumps for Fire Protection	2025	2025
30	Flammable and Combustible Liquids Code	2024	
30A	Code for Motor Fuel Dispensing Facilities and Repair Garages	2024	2024
32	Standard for Drycleaning Facilities	2021	
33	Standard for Spray Application Using Flammable or Combustible Materials	2024	2024
34	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids	2024	2024
35	Standard for the Manufacture of Organic Coatings	2021	
36	Standard for Solvent Extract Plants	2025	
37	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines	2024	
40	Standard for the Storage and Handling of Cellulose Nitrate Film	2025	
45	Standard on Protection for Laboratories Using Chemicals	2024	
52	Vehicular Natural Gas Fuel Systems Code	2026	
54	National Fuel Gas Code	2024	
55	Compressed Gases and Cryogenic Fluids Code	2026	
58	Liquified Petroleum Gas Code	2024	
59	Utility LP-Gas Plant Code	2024	
70	National Electrical Code®	2026	
70B	Standard for Electrical Equipment Maintenance	2023	
70E®	Standard for Electrical Safety in the Workplace®	2024	
72	National Fire Alarm and Signaling Code®	2025	
75	Standard for the Fire Protection of Information Technology Equipment	2024	2024
77	Recommended Practice on Static Electricity	2024	
79	Electrical Standard for Industrial Machinery	2024	2024
80	Standard for Fire Doors and Other Opening Protectives	2025	
88A	Standard for Parking Structures	2023	
90A	Standard for the Installation of Air-Conditioning and Ventilating Systems	2024	
90B	Standard for the Installation of Warm Air Heating and Air-Conditioning Systems	2024	

Standard Number	Standard Title	Current Edition	Extract Edition
91	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids	2026	
99	Health Care Facilities Code	2024	2024
101®	Life Safety Code®	2024	2024
110	Standard for Emergency and Standby Power Systems	2025	2025
111	Standard for Stored Electrical Energy Emergency and Standby Power Systems	2025	
220	Standard on Types of Building Construction	2024	
262	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces	2023	
303	Fire Protection Standard for Marinas and Boatyards	2026	2021
307	Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves	2021	2021
409	Standard on Aircraft Hangers	2022	
496	Standard for Purged and Pressurized Enclosures for Electrical Equipment	2024	
497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	
499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	2024
505	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	2024	
701	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films	2023	
730	Guide for Premises Security	2023	
780	Standard for the Installation of Lightning Protection Systems	2026	
790	Standard for the Competency of Third-Party Field Evaluation Bodies	2024	2024
820	Standard for Fire Protection in Wastewater Treatment and Collection Facilities	2024	
853	Standard for the Installation of Stationary Fuel Cell Power Systems	2025	
855	Standard for the Installation of Stationary Energy Storage Systems	2026	
1192	Standard on Recreational Vehicles	2026	2021
1660	Standard for Emergency, Continuity, and Crisis Management: Preparedness, Response, and Recovery	2024	
5000	Building Construction and Safety Code®	2024	

Table A.1(2) Product Safety Standards for Conductors and Equipment That Have an Associated Listing Requirement

Article	Standard Number	Standard Title
110	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies
	UL 305, sixth edition	Panic Hardware

Article	Standard Number	Standard Title
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
130	UL 916, fifth edition	Energy Management Equipment
	UL 3141, first edition	Power Control Systems
210	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	UL 943, fifth edition	Ground Fault Circuit Interrupters
	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters
225	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
230	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 67, thirteenth edition	Panelboards
	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 218, third edition	Fire Pump Controllers
	UL 231, tenth edition	Power Outlets
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 414, ninth edition	Meter Sockets
	UL 486A-486B, third edition	Wire Connectors

Article	Standard Number	Standard Title
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 508, eighteenth edition	Industrial Control Equipment
	UL 508A, third edition	Industrial Control Panels
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 845, sixth edition	Motor Control Centers
	UL 857, thirteenth edition	Busways
	UL 869A, fourth edition	Reference Standard for Service Equipment
	UL 891, twelfth edition	Switchboards
	UL 977, fifth edition	Fused Power-Circuit Devices
	UL 1008, ninth edition	Transfer Switch Equipment
	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	UL 1008S, first edition	Solid-State Transfer Switches
	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	UL 1062, third edition	Unit Substations
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1429, fourth edition	Pullout Switches
	UL 1449, fifth edition	Surge Protective Devices
	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 1740, fourth edition	Robots and Robotic Equipment
	UL 1953, seventh edition	Power Distribution Blocks
	UL 2011, seventh edition	Machinery
	UL 2200, third edition	Stationary Engine Generator Assemblies

Article	Standard Number	Standard Title
	UL 2416, first edition	Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems
	UL 2446, first edition	Unitary Boiler Room Systems
	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	UL 2735, first edition	Electric Utility Meters
	UL 2745, first edition	Meter Socket Adapters for Communications Equipment
	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
240	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements
	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	UL 248-3, second edition	Low-Voltage Fuses — Part 2: Class CA and CB Fuses
	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	UL 248-11, third edition	Low-Voltage Fuses — Part 11: Plug Fuses
	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses
	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures
	UL 489I, second edition	Solid State Molded-Case Circuit Breakers
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters

Article	Standard Number	Standard Title
	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
242	UL 1449, fifth edition	Surge Protective Devices
250	UL 1, eleventh edition	Flexible Metal Conduit
	UL 4, fifteenth edition	Armored Cable
	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 153, thirteenth edition	Portable Electric Luminaires
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 486A-486B, third edition	Wire Connectors
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1569, fifth edition	Metal-Clad Cables
	UL 1652, third edition	Flexible Metallic Tubing
270	UL 1, eleventh edition	Flexible Metal Conduit
	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel

Article	Standard Number	Standard Title
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 486A-486B, third edition	Wire Connectors
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1569, fifth edition	Metal-Clad Cables
300	UL 4, fifteenth edition	Armored Cable
	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 83A, first edition	Fluoropolymer Insulated Wire
	UL 263, fourteenth edition	Fire Tests of Building Construction and Materials
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	UL 1569, fifth edition	Metal-Clad Cables
	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	UL 2556, fifth edition	Wire and Cable Test Methods
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
310	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 83A, first edition	Fluoropolymer Insulated Wire

Article	Standard Number	Standard Title
	UL 83B, first edition	Switchboard and Switchgear Wires and Cables
	UL 224, seventh edition	Extruded Insulating Tubing
	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 854, twelfth edition	Service-Entrance Cables
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 1441, fifth edition	Coated Electrical Sleeving
	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
312	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 2808, first edition	Energy Monitoring Equipment
	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-030: Particular Requirements for Testing and Measuring Circuits
314	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498B, first edition	Receptacles with Integral Switching Means
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	UL 1953, seventh edition	Power Distribution Blocks

Article	Standard Number	Standard Title
315	ANSI C119.4	Electric Connectors — Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93ºC and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100ºC
	IEEE 48	IEEE Standard for Test Procedures and Requirements for Alternating-Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV
	IEEE 386	IEEE Standard for Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV
	IEEE 404	IEEE Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2.5 kV to 500 kV
	UL 4, fifteenth edition	Armored Cable
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 1072, fourth edition	Medium Voltage Power Cables
	UL 1569, fifth edition	Metal-Clad Cables
320	UL 4, fifteenth edition	Armored Cable
	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 1565, sixth edition	Positioning Devices
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
322	UL 486A-486B, third edition	Wire Connectors
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 514A, eleventh edition	Metallic Outlet Boxes
324	UL 486A-486B, third edition	Wire Connectors
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
330	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 1565, sixth edition	Positioning Devices
	UL 1569, fifth edition	Metal-Clad Cables
	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable

Article	Standard Number	Standard Title
332	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
334	UL 719, thirteenth edition	Nonmetallic-Sheathed Cables
	UL 2256, first edition	Nonmetallic Sheathed Cable Interconnects
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
335	UL 2250, third edition	Instrumentation Tray Cable
336	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members
	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
337	UL 1309A, first edition	Cable for Use in Mobile Installations
338	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 854, twelfth edition	Service-Entrance Cables
340	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
342	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
344	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
348	UL 1, eleventh edition	Flexible Metal Conduit
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
350	UL 360, seventh edition	Liquid-Tight Flexible Steel Conduit
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
352	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
353	UL 651A, sixth edition	High Density Polyethylene (HDPE) Conduit

Article	Standard Number	Standard Title
354	UL 1990, fourth edition	Nonmetallic Underground HDPE Conduit with Conductors
355	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2515A, first edition	Supplemental Requirements for Extra-Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
356	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
358	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
360	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 1652, third edition	Flexible Metallic Tubing
362	UL 1653, third edition	Electrical Nonmetallic Tubing
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
366	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings
368	UL 509, second edition	Bus Drop Cable
370	ANSI/CSA C22.2 No. 273	Cablebus
371	UL 1386, first edition	Flexible Bus Systems
	UL 1387, first edition	Flexible Insulated Bus
374	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
376	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings
	UL 1953, seventh edition	Power Distribution Blocks
378	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings
382	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	UL183, fourth edition	Manufactured Wiring Systems

Article	Standard Number	Standard Title
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 498M, first edition	Marine Shore Power Inlets
	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 991, third edition	Tests for Safety-Related Controls Employing Solid-State Devices
	UL 1077, seventh edition	Supplementary Protectors for Use in Electrical Equipment
	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	UL 1998, third edition	Software in Programmable Components
384	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
386	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
388	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
392	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
393	UL 13, fourth edition	Power-Limited Circuit Cables
	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 1310, seventh edition	Class 2 Power Units
	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	UL 2577, first edition	Suspended Ceiling Power Grid Systems and Equipment
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
396	UL 1072, fourth edition	Medium-Voltage Power Cables

Article	Standard Number	Standard Title
404	ANSI/NEMA WD 6–2016	Wiring Devices — Dimensional Specifications
	UL 20, fourteenth edition	General-Use Snap Switches
	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 98A, second edition	Open-Type Switches
	UL 363, eleventh edition	Knife Switches
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 773, fifth edition	Plug-In Locking Type Photocontrols for Use with Area Lighting
	UL 773A, sixth edition	Nonindustrial Photoelectric Switches for Lighting Control
	UL 917, fifth edition	Clock-Operated Switches
	UL 977, fifth edition	Fused Power-Circuit Devices
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 1472, second edition	Solid-State Dimming Controls
	UL 1429, fourth edition	Pullout Switches
	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	UL 60730-2-7, third edition	Automatic Electrical Controls — Part 2–7: Particular Requirements for Timers and Time Switches
406	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498B, first edition	Receptacles with Integral Switching Means
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 498M, first edition	Marine Shore Power Inlets
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 943B, third edition	Appliance Leakage-Current Interrupters
	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	UL 970, first edition	Retail Fixtures and Merchandise Displays

Article	Standard Number	Standard Title
	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	UL 1286, sixth edition	Office Furnishings Systems
	UL 1310, seventh edition	Class 2 Power Units
	UL 1682, fifth edition	Plugs, Receptacles, and Cable Connectors, of the Pin and Sleeve Type
	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters
		See 406.4(D)(4)(1)
	UL 2999, first edition	Individual Commercial Office Furnishings
408	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 67, thirteenth edition	Panelboards
	UL 891, twelfth edition	Switchboards
	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
409	UL 508, eighteenth edition	Industrial Control Equipment
	UL 508A, third edition	Industrial Control Panels
410	ANSI/CSA-C22.2 No. 184.2	Solid-State Controls for Lighting Systems (SSCLS)
	UL 153, thirteenth edition	Portable Electric Luminaires
	UL 496, fourteenth edition	Lampholders
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498B, first edition	Receptacles with Integral Switching Means
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 542, ninth edition	Fluorescent Lamp Starters
	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters

Article	Standard Number	Standard Title
	UL 970, first edition	Retail Fixtures and Merchandising Displays
	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	UL 1029A, first edition	Ignitors and Related Auxiliaries for HID Lamp Ballasts
	UL 1574, third edition	Track Lighting Systems
	UL 1598, fifth edition	Luminaires
	UL 1598B, first edition	Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires, Supplemental Requirements
	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
	UL 1993, sixth edition	Self-Ballasted Lamps and Lamp Adapters
	UL 2388, second edition	Flexible Lighting Products
	UL 8750, second edition	Light Emitting Diode (LED) Equipment for Use in Lighting Products
	UL 8752, second edition	Organic Light Emitting Diode (OLED) Panels
	UL 8753, second edition	Field-Replaceable Light Emitting Diode (LED) Light Engines
	UL 8754, second edition	Holders, Bases and Connectors for Solid-State (LED) Light Engines and Arrays
	UL 8800, first edition	Horticultural Lighting Equipment and Systems
	UL 8802, first edition	Ultraviolet (UV) Germicidal Equipment and Systems
	UL 8803, first edition	Portable UV Germicidal Equipment With Uncontained UV Sources
411	UL 1310, seventh edition	Class 2 Power Units
	UL 1838, third edition	Low-Voltage Landscape Lighting Systems
	UL 2108, second edition	Low-Voltage Lighting Systems
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
422	ANSI/CSA-C22.2 No. 339	Hand-held motor-operated electric tools — Safety — Particular requirements for chain beam saws
	UL 22, sixth edition	Amusement and Gaming Machines
	UL 73, tenth edition	Motor-Operated Appliances
	UL 82, ninth edition	Electric Gardening Appliances
	UL 122, fifth edition	Photographic Equipment
	UL 141, ninth edition	Garment Finishing Appliances
	UL 174, eleventh edition	Household Electric Storage Tank Water Heaters
	UL 197, tenth edition	Commercial Electric Cooking Appliances

Article	Standard Number	Standard Title
	UL 283, third edition	Air Fresheners and Deodorizers
	UL 325, seventh edition	Door, Drapery, Gate, Louver, and Window Operators and Systems
	UL 399, eighth edition	Drinking Water Coolers
	UL 430, eighth edition	Waste Disposers
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 499, fourteenth edition	Electric Heating Appliances
	UL 507, tenth edition	Electric Fans
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications
	UL 561, seventh edition	Floor Finishing Machines
	UL 574, eighth edition	Electric Oil Heaters
	UL 621, seventh edition	Ice Cream Makers
	UL 705, seventh edition	Power Ventilators
	UL 710B, second edition	Recirculating Systems
	UL 749, twelfth edition	Household Dishwashers
	UL 751, ninth edition	Vending Machines
	UL 763, fifth edition	Motor-Operated Commercial Food Preparing Machines
	UL 778, sixth edition	Motor-Operated Water Pumps
	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
	UL 858, sixteenth edition	Household Electric Ranges
	UL 859, eleventh edition	Household Electric Personal Grooming Appliances
	UL 875, tenth edition	Electric Dry-Bath Heaters
	UL 921, eighth edition	Commercial Dishwashers
	UL 923, seventh edition	Microwave Cooking Appliances

Article	Standard Number	Standard Title
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 962, fifth edition	Household and Commercial Furnishings
	UL 962A, sixth edition	Furniture Power Distribution Units
	UL 979, second edition	Water Treatment Appliances
	UL 982, eighth edition	Motor-Operated Household Food Preparing Machines
	UL 987, eighth edition	Stationary and Fixed Electric Tools
	UL 1017, tenth edition	Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines
	UL 1026, sixth edition	Household Electric Cooking and Food Serving Appliances
	UL 1086, sixth edition	Household Trash Compactors
	UL 1090, seventh edition	Electric Snow Movers
	UL 1206, fourth edition	Electric Commercial Clothes-Washing Equipment
	UL 1240, fourth edition	Electric Commercial Clothes-Drying Equipment
	UL 1278, fourth edition	Movable and Wall- or Ceiling-Hung Electric Room Heaters
	UL 1447, sixth edition	Electric Lawn Mowers
	UL 1450, fourth edition	Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment
	UL 1453, sixth edition	Electric Booster and Commercial Storage Tank Water Heaters
	UL 1576, second edition	Flashlights and Lanterns
	UL 1594, fourth edition	Sewing and Cutting Machines
	UL 1647, sixth edition	Motor-Operated Massage and Exercise Machines
	UL 1727, fifth edition	Commercial Electric Personal Grooming Appliances
	UL 1776, third edition	High-Pressure Cleaning Machines
	UL 2157, fourth edition	Electric Clothes Washing Machines and Extractors
	UL 2158, sixth edition	Electric Clothes Dryers
	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	UL 60335-2-3, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-3: Particular Requirements for Electric Irons
	UL 60335-2-8, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-8: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances

Article	Standard Number	Standard Title
	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances, and Ice-Makers
	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	UL 60335-2-67, second edition	Household and Similar Electrical Appliances — Safety — Part 2-67: Particular Requirements for Floor Treatment Machines, For Commercial Use
	UL 60335-2-68, first edition	Household and Similar Electrical Appliances — Safety — Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use
	UL 60335-2-79, first edition	Household and Similar Electrical Appliances — Safety — Part 2-79: Particular Requirements for High Pressure Cleaners and Steam Cleaners
	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
	UL 60745-1, fourth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 1: General Requirements
	UL 60745-2-1, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-1: Particular Requirements for Drills and Impact Drills
	UL 60745-2-2, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches
	UL 60745-2-3, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-3: Particular Requirements for Grinders, Polishers, and Disk-Type Sanders
	UL 60745-2-4, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type
	UL 60745-2-5, fifth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-5: Particular Requirements for Circular Saws
	UL 60745-2-6, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-6: Particular Requirements for Hammers
	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements for Shears and Nibblers
	UL 60745-2-9, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-9: Particular Requirements for Tappers
	UL 60745-2-11, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-11: Particular Requirements for Reciprocating Saws
	UL 60745-2-12, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-12: Particular Requirements For Concrete Vibrators
	UL 60745-2-13, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-13: Particular Requirements For Chain Saws
	UL 60745-2-14, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-14: Particular Requirements for Planers
	UL 60745-2-15, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-15: Particular Requirements for Hedge Trimmers
	UL 60745-2-16, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-16: Particular Requirements for Tackers
	UL 60745-2-17, third edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-17: Particular Requirements for Routers and Trimmers
	UL 60745-2-18, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-18: Particular Requirements For Strapping Tools

Article	Standard Number	Standard Title
	UL 60745-2-19, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-19: Particular Requirements for Jointers
	UL 60745-2-20, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-20: Particular Requirements for Band Saws
	UL 60745-2-21, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-21: Particular Requirements For Drain Cleaners
	UL 60745-2-22, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-22: Particular Requirements for Cut-Off Machines
	UL 60745-2-23, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-23: Particular Requirements for Die Grinders and Small Rotary Tools
	UL 62841-1, first edition	Electric Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
	UL 62841-2-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	UL 62841-2-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-2: Particular Requirements For Hand-Held Screwdrivers And Impact Wrenches
	UL 62841-2-3, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Disk-Type Polishers, and Disk-Type Sanders
	UL 62841-2-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	UL 62841-2-5, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	UL 62841-2-8, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders
	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular

Article	Standard Number	Standard Title
		Requirements for Transportable Bench Grinders
	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws
	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10: Particular Requirements for Transportable Cut-Off Machines
	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular Requirements for Transportable Threading Machines
	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13: Particular Requirements For Transportable Drills
	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular Requirements for Transportable Drain Cleaners
	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
424	UL 499, fourteenth edition	Electric Heating Appliances
	UL 1042, fifth edition	Electric Baseboard Heating Equipment
	UL 1673, third edition	Electric Space Heating Cables
	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	UL 1995, fifth edition	Heating and Cooling Equipment
	UL 1996, fourth edition	Electric Duct Heaters
	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
	UL 2683, first edition	Electric Heating Products for Floor and Ceiling Installation
425	UL 508, eighteenth edition	Industrial Control Equipment
	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
426	IEEE 515	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications

Article	Standard Number	Standard Title
	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units
	UL 2049, fourth edition	Residential Pipe Heating Cable
427	IEEE 515-2017	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications
	UL 515, second edition	Electrical Resistance Trace Heat for Commercial Applications
	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 4, fifteenth edition	Armored Cable
	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 508, eighteenth edition	Industrial Control Equipment
	UL 705, seventh edition	Power Ventilators
	UL 745-1, second edition	Portable Electric Tools
	UL 845, sixth edition	Motor Control Centers
	UL 987, eighth edition	Stationary and Fixed Electric Tools
	UL 1004-1, second edition	Rotating Electrical Machines — General Requirements
	UL 1004-2, second edition	Impedance Protected Motors
	UL 1004-3, second edition	Thermally Protected Motors
	UL 1004-6, second edition	Servo and Stepper Motors
	UL 1004-7, third edition	Electronically Protected Motors
	UL 1004-8, second edition	Inverter Duty Motors
	UL 1004-9, first edition	Form Wound and Medium Voltage Rotating Electrical Machines
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 1569, fifth edition	Metal Clad Cables
	UL 1812, fourth edition	Ducted Heat Recovery Ventilators
	UL 1815, fifth edition	Nonducted Heat Recovery Ventilators
	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	UL 60034-1, third edition	Rotating Electrical Machines — Part 1: Rating and Performance

Article	Standard Number	Standard Title
	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	UL 60730-2-22, first edition	Automatic Electrical Controls — Part 2-22: Particular Requirements for Thermal Motor Protectors
	UL 60745-1, fourth edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
	UL 60745-2-1, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	UL 60745-2-2, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-2: Particular Requirements For Screwdrivers And Impact Wrenches
	UL 60745-2-3, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Polishers, and Disk-Type Sanders
	UL 60745-2-4, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	UL 60745-2-5, fifth edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	UL 60947-5-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-1: Control Circuit Devices and Switching Elements — Electromechanical Control Circuit Devices
	UL 60947-5-2, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-2: Control Circuit Devices and Switching Elements — Proximity Switches
	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders
	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular

Article	Standard Number	Standard Title
		Requirements For Hand-Held Drain Cleaners
	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws
	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10: Particular requirements for Transportable Cut-Off Machines
	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular requirements for Transportable Threading Machines
	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13: Particular Requirements For Transportable Drills
	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular requirements for Transportable Drain Cleaners
	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
440	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 416, fourth edition	Refrigerated Medical Equipment
	UL 484, ninth edition	Room Air Conditioners
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 508, eighteenth edition	Industrial Control Equipment
	UL 541, ninth edition	Refrigerated Vending Machines
	UL 563, eighth edition	Ice Makers
	UL 1429, fourth edition	Pullout Switches

Article	Standard Number	Standard Title
	UL 1995, fifth edition	Heating and Cooling Equipment
	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers
	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	UL 60335-2-89, second edition	Household and Similar Electrical Appliances — Safety — Part 2-89: Particular Requirements for Commercial Refrigerating Appliances and Ice Makers with an Incorporated or Remote Refrigerant Unit or Compressor
	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	UL 61800-5-2, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-2: Safety Requirements — Functional
445	UL 508, eighteenth edition	Industrial Control Equipment
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	UL 1004-4, third edition	Electric Generators
	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	UL 2200, third edition	Stationary Engine Generator Assemblies
450	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies
	UL 305, sixth edition	Panic Hardware
	UL 340, sixth edition	Tests for Comparative Flammability of Liquids
	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
480	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies
	UL 305, sixth edition	Panic Hardware
	UL 1642, sixth edition	Lithium Batteries
	UL 1973, third edition	Batteries for Use in Stationary and Motive Auxiliary Power Applications
	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	UL 2054, third edition	Household and Commercial Batteries
	UL 4127, second edition	Low Voltage Battery Cable

Article	Standard Number	Standard Title
	UL 4128, fifth edition	Intercell and Intertier Connectors for use in Electrochemical Battery System Applications
495	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15kV
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
500	FM 121303	Guide for Use of Detectors for Flammable Gases
	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified)
	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations
	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations
	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	UL 2225, fifth edition	Cable and Cable Fittings for Use in Hazardous (Classified) Locations
	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation.
	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements

Article	Standard Number	Standard Title
	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
501	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	UL 1072, fourth edition	Medium-Voltage Power Cables
	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members
	UL 1309A, first edition	Cable for Use in Mobile Installations
	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

Article	Standard Number	Standard Title
	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
502	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	UL 1309A, first edition	Cable for Use in Mobile Installations
	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
503	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
504	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations

Article	Standard Number	Standard Title
	UL 120202, first edition	Recommendations for the Preparation, Content, and Organization of Intrinsic Safety Control Drawings
505	FM 121303	Guide for Use of Detectors for Flammable Gases
	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	UL 1309A, first edition	Cable for Use in Mobile Installations
	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	UL 60079-1, seventh edition	Explosive Atmospheres — Part 1: Equipment Protection by Flameproof Enclosures “d”
	UL 60079-2, sixth edition	Explosive Atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	UL 60079-5, fourth edition	Explosive Atmospheres — Part 5: Type of Equipment Protectionby Powder Filling
	UL 60079-6, fourth edition	Explosive Atmospheres — Part 6: Equipment Protection by Liquid Immersion “o”
	UL 60079-7, fifth edition	Explosive Atmospheres — Part 7: Equipment Protection by Increased Safety “e”
	UL 60079-10-1, first edition	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive Gas Atmospheres
	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety “i”
	UL 60079-13, second edition	Explosive Atmospheres — Part 13: Equipment Protection by Pressurized Room “p” and Artificially Ventilated Room “v”
	UL 60079-15, fifth edition	Explosive Atmospheres — Part 15: Equipment Protection by Type of Protection “n”
	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	UL 60079-26, third edition	Explosive Atmospheres — Part 26: Equipment with Equipment Protection Level (EPL) Ga
	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies

Article	Standard Number	Standard Title
	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b”, Liquid Immersion “k”
	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
506	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	UL 60079-2, sixth edition	Explosive atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety "i"
	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	UL 60079-31, second edition	Explosive Atmospheres — Part 31: Equipment Dust Ignition Protection by Enclosure “t”
	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	UL 62784, first edition	Vacuum Cleaners and Dust Extractors Providing Equipment Protection Level Dc for the Collection of Combustible Dusts — Particular Requirements
	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b“, Liquid Immersion “k”
512	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations
516	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids

Article	Standard Number	Standard Title
	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
517	AAMI ES 60601-1	Medical electrical equipment — Part 1: General requirements for basic safety and essential performance
	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 1022, fifth edition	Line Isolation Monitors
	UL 1047, sixth edition	Isolated Power Systems Equipment
	UL 1286, sixth edition	Office Furnishing Systems
	UL 2930, first edition	Cord-and-Plug-connected Health Care Facility Outlet Assemblies
	UL 60601-1, first edition	Medical Electrical Equipment — Part 1: General Requirements for Safety
	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
518	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	UL 2305, first edition	Exhibition Display Units, Fabrication and Installation
520	UL 62, twentieth edition	Flexible Cords and Cables
	UL 334, second edition	Theater Lighting Distribution and Control Equipment
	UL 498, sixteenth edition	Attachment Plugs and Receptacles

Article	Standard Number	Standard Title
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 891, twelfth edition	Switchboards
	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	UL 1640, fourth edition	Portable Power-Distribution Equipment
	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
522	UL 13, fourth edition	Power-Limited Circuit Cables
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 2250, third edition	Instrumentation Tray Cable
525	UL 62, twentieth edition	Flexible Cords and Cables
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
530	UL 62, twentieth edition	Flexible Cords and Cables
	UL 1479-2-15, fourth edition	Fire Tests of Penetration Firestops
	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	UL 1680, second edition	Stage and Lighting Cables
	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
540	UL 67, thirteenth edition	Panelboards
	UL 943, fifth edition	Ground-Fault Circuit Interrupters
	UL 1640, fourth edition	Portable Power-Distribution Equipment
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
545	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings

Article	Standard Number	Standard Title
	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	UL 20, fourteenth edition	General Use Snap Switches
	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
547	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 1598, fifth edition	Luminaires
	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
550	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 307A, ninth edition	Liquid Fuel-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	UL 307B, fifth edition	Gas-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 467, eleventh edition	Grounding and Bonding Equipment

Article	Standard Number	Standard Title
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	UL 1598, fifth edition	Luminaires
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 2108, second edition	Low-Voltage Lighting Systems
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
551	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 231, tenth edition	Power Outlets
	UL 234, fifth edition	Low Voltage Lighting Fixtures for use in Recreational Vehicles
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers

Article	Standard Number	Standard Title
	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 1004-4, third edition	Electric Generators
	UL 1008, ninth edition	Transfer Switch Equipment
	UL 1008M, first edition	Transfer Switch Equipment, Meter Mounted
	UL 1008S, first edition	Solid-State Transfer Switches
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1449, fifth edition	Surge Protective Devices
	UL 1598, fifth edition	Luminaires
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 2200, third edition	Stationary Engine Generator Assemblies
	UL 2299, first edition	Ground Monitor Interrupters
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
552	SAE J1128-2015	Low Voltage Primary Cable, for Types GXL, HDT, and SXL
	SAE J1127-2015	Low Voltage Battery Cable, for Types SGT and SGR
	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 67, thirteenth edition	Panelboards
	UL 231, tenth edition	Power Outlets
	UL 234, fifth edition	Low Voltage Lighting Fixtures for Use in Recreational Vehicles
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit

Article	Standard Number	Standard Title
	UL 430, eighth edition	Waste Disposers
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 916, fifth edition	Energy Management Equipment
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 1004-4, third edition	Electric Generators
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	UL 1598, fifth edition	Luminaires
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 2108, second edition	Low Voltage Lighting Systems
	UL 2200, third edition	Stationary Engine Generator Assemblies
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
555	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 231, tenth edition	Power Outlets
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	UL 1399, first edition	Leakage Current Measurement Devices for Use in Marina Applications
	UL 1650, first edition	Portable Power Cable

Article	Standard Number	Standard Title
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
590	UL 496, fourteenth edition	Lampholders
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 1088, seventh edition	Temporary Lighting Strings
	UL 1377, first edition	Wire used in Low Voltage Seasonal Lighting Products In Circuits With a Maximum Available Power of 15W
	UL 1640, fourth edition	Portable Power-Distribution Equipment
600	UL 1, eleventh edition	Flexible Metal Conduit
	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	UL 13, fourth edition	Power-Limited Circuit Cables
	UL 48, fifteenth edition	Electric Signs
	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems
	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	UL 814, twelfth edition	Gas-Tube-Sign Cable
	UL 879, ninth edition	Electric Sign Components
	UL 879A, first edition	LED Sign and Sign Retrofit Kits
	UL 879B, first edition	Polymeric Enclosure Systems for the Splice Between Neon Tubing Electrode Leads and GTO Cable, and the GTO Cable Leading to the Splice
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters

Article	Standard Number	Standard Title
	UL 1310, seventh edition	Class 2 Power Units
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	UL 2161, second edition	Neon Transformers and Power Supplies
	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	UL 3003, first edition	Distributed Generation Cables
	UL 3703, first edition	Solar Trackers
	UL 4703, first edition	Photovoltaic Wire
	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	UL 9703, third edition	Distributed Generation Wiring Harnesses
	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements For Construction
	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements For Testing
	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: Particular Requirements for Inverters
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
604	UL 1, eleventh edition	Flexible Metal Conduit
	UL 4, fifteenth edition	Armored Cable
	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits

Article	Standard Number	Standard Title
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 183, fourth edition	Manufactured Wiring Systems
	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	UL 857, thirteenth edition	Busways
	UL 1569, fifth edition	Metal-Clad Cables
	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
605	UL 962, fifth edition	Household and Commercial Furnishings
	UL 962A, sixth edition	Furniture Power Distribution Units
	UL 1286, sixth edition	Office Furnishings Systems
	UL 1310, seventh edition	Class 2 Power Units
	UL 2999, first edition	Individual Commercial Office Furnishings
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
610	UL 62, twentieth edition	Flexible Cords and Cables
	UL 2273, second edition	Festoon Cable
620	UL 62, twentieth edition	Flexible Cords and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 104, twelfth edition	Elevator Door Locking Devices and Contacts
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 508, eighteenth edition	Industrial Control Equipment
	UL 508A, third edition	Industrial Control Panels
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures

Article	Standard Number	Standard Title
	UL 1310, seventh edition	Class 2 Power Units
	UL 1449, fifth edition	Surge Protective Devices
	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	UL 2556, fifth edition	Wire and Cable Test Methods
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
624	UL 9741A	Onboard Electric Vehicle Power Export and Import Equipment
625	UL 62, twentieth edition	Flexible Cords and Cables
	UL 1650, first edition	Portable Power Cable
	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	UL 2202, third edition	DC Charging Equipment for Electric Vehicles
	UL 2231-1, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 1: General Requirements
	UL 2231-2, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 2: Particular Requirements for Protection Devices for Use in Charging Systems
	UL 2251-, fourth edition	Plugs, Receptacles and Couplers for Electrical Vehicles
	UL 2580, third edition	Batteries for Use in Electric Vehicles
	UL 2594, third edition	Electric Vehicle Supply Equipment
	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
626	UL 62, twentieth edition	Flexible Cords and Cables
	UL 231, tenth edition	Power Outlets
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 1651, fourth edition	Optical Fiber Cable
	UL 1686, fifth edition	Pin and Sleeve Configurations

Article	Standard Number	Standard Title
630	UL 551, eighth edition	Transformer-Type Arc-Welding Machines
640	UL 13, fourth edition	Power-Limited Circuit Cables
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 813, seventh edition	Commercial Audio Equipment
	UL 1310, seventh edition	Class 2 Power Units
	UL 1419, fourth edition	Professional Video and Audio Equipment
	UL 1492, second edition	Audio-Video Products and Accessories
	UL 1711, fourth edition	Amplifiers for Fire Protective Signaling Systems
	UL 2269, fourth edition	Optical Fiber/Communications/Signaling/Coaxial Cable Outlet Boxes
	UL 6500, second edition	Audio/Video and Musical Instrument Apparatus for Household, Commercial, and Similar General Use
	UL 60065, eighth edition	Audio, Video and Similar Electronic Apparatus — Safety Requirements
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
645	UL 38, eighth edition	Manual Signaling Boxes for Fire Alarm Systems
	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems
	UL 444, fifth edition	Communications Cables
	UL 464, eleventh edition	Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	UL 497B, fourth edition	Protectors for Data Communications and Fire Alarm Circuits
	UL 833, first edition	Control Units and Accessories for Fire Alarm Systems
	UL 864, eleventh edition	Control Units and Accessories for Fire Alarm Systems
	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	UL 1425, third edition	Cables for Non-Power-Limited Fire-Alarm Circuits
	UL 1449, fifth edition	Surge Protective Devices
	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories
	UL 1638, sixth edition	Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	UL 1651, fourth edition	Optical Fiber Cable
	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	UL 1690, fourth edition	Data-Processing Cable

Article	Standard Number	Standard Title
	UL 1778, fifth edition	Uninterruptible Power Systems
	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	UL 60950-1, second edition	Information Technology Equipment — Safety — Part 1: General Requirements
	UL 60950-21, first edition	Information Technology Equipment — Safety — Part 21: Remote Power Feeding
	UL 60950-22, second edition	Information Technology Equipment — Safety — Part 22: Equipment to be Installed Outdoors
	UL 60950-23, first edition	Information Technology Equipment — Safety — Part 23: Large Data Storage Equipment
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
646	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 67, thirteenth edition	Panelboards
	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 305, sixth edition	Panic Hardware
	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 508, eighteenth edition	Industrial Control Equipment
	UL 508A, third edition	Industrial Control Panels
	UL 845, sixth edition	Motor Control Centers
	UL 869A, fourth edition	Reference Standard for Service Equipment
	UL 891, twelfth edition	Switchboards
	UL 924, tenth edition	Emergency Lighting and Power Equipment
	UL 977, fifth edition	Fused Power-Circuit Devices
	UL 1008, ninth edition	Transfer Switch Equipment
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	UL 1008S, first edition	Solid-State Transfer Switches
	UL 1062, third edition	Unit Substations

Article	Standard Number	Standard Title
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 1429, fourth edition	Pullout Switches
	UL 1449, fifth edition	Surge Protective Devices
	UL 1655, second edition	Community-Antenna Television Cables
	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	UL 2755, second edition	Modular Data Centers
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
647	UL 1598, fifth edition	Luminaires
650	UL 1310, seventh edition	Class 2 Power Units
	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
670	ANSI/CSA-C22.2 No. 19085-1	Woodworking machines — Safety — Part 1: Common requirements
	UL 508, eighteenth edition	Industrial Control Equipment
	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
675	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
680	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 20, fourteenth edition	General Use Snap-Switches
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 379, first edition	Power Units for Fountain, Swimming Pool, and Spa Luminaires
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings

Article	Standard Number	Standard Title
	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	UL 676A, third edition	Potting Compounds for Swimming Pool, Fountain, and Spa Equipment
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	UL 1004-10, first edition	Pool Pump Motors
	UL 1081, seventh edition	Swimming Pool Pumps, Filters, and Chlorinators
	UL 1241, seventh edition	Junction Boxes for Swimming Pool Luminaires
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1261, sixth edition	Electric Water Heaters for Pools and Tubs
	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	UL 1569, fifth edition	Metal-Clad Cables
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 1795, fifth edition	Hydromassage Bathtubs
	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2452, first edition	Electric Swimming Pool and Spa Cover Operators
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2995, first edition	Lifts for Swimming Pools and Spas
	UL 60335-2-1000, first edition	Household and Similar Electrical Appliances: Particular Requirements for Electrically Powered Pool Lifts
682	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	UL 1650, first edition	Portable Power Cable
	UL 1838, third edition	Low Voltage Landscape Lighting Systems
690	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems
	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	UL 467, eleventh edition	Grounding and Bonding Equipment

Article	Standard Number	Standard Title
	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	UL 1569, fifth edition	Metal-Clad Cables
	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	UL 1703, third edition	Flat-Plate Photovoltaic Modules and Panels
	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources
	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	UL 3003, first edition	Distributed Generation Cables
	UL 3703, first edition	Solar Trackers
	UL 3730, first edition	Photovoltaic Junction Boxes
	UL 3741, first edition	Photovoltaic Hazard Control
	UL 4703, first edition	Photovoltaic Wire
	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	UL 9703, third edition	Distributed Generation Wiring Harnesses
	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements for Construction
	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements for Testing
	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
692	UL 2262, second edition	Fuel Cell Modules for Use in Portable and Stationary Equipment

Article	Standard Number	Standard Title
	UL 2262A, second edition	Borohydride Fuel Cartridges with Integral Fuel Processing for Use with Portable Fuel Cell Power Systems or Similar Equipment
	UL 2265, first edition	Fuel Cell Power Units and Fuel Storage Containers for Portable Devices
	UL 2265C, first edition	Hand-Held or Hand-Transportable Alkaline (Direct Borohydride) Fuel Cell Power Units and Borohydride Fuel Cartridges For Use With Consumer Electronics or Information Technology Equipment
	UL 2266, first edition	Electromagnetic Compatibility, Electrical Safety, and Physical Protection of Stationary and Portable Fuel Cell Power Systems for Use with Commercial Network Telecommunications Equipment
	UL 2267, third edition	Fuel Cell Power Systems for Installation in Industrial Electric Trucks
694	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 489C, first edition	Molded-Case Circuit Breakers and Molded-Case Switches for Use with Wind Turbines
	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	UL 2277, fifth edition	Flexible Motor Supply Cable and Wind Turbine Tray Cable
	UL 2736, first edition	Single Pole Separable Interconnecting Cable Connectors for Use with Wind Turbine Generating Systems
	UL 4143, first edition	Wind Turbine Generator — Life Time Extension (LTE)
	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	UL 6142, first edition	Small Wind Turbine Systems
695	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 218, third edition	Fire Pump Controllers
	UL 448, twelfth edition	Centrifugal Stationary Pumps for Fire-Protection Service
	UL 448B, second edition	Residential Fire Pumps Intended for One- and Two-Family Dwellings and Manufactured Homes
	UL 448C, second edition	Stationary, Rotary-Type, Positive-Displacement Pumps for Fire Protection Service
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 1004-5, second edition	Fire Pump Motors
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1569, fifth edition	Metal-Clad Cables
	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables

Article	Standard Number	Standard Title
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
700	UL 924, tenth edition	Emergency Lighting and Power Equipment
	UL 1008, ninth edition	Transfer Switch Equipment
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	UL 1449, fifth edition	Surge Protective Devices
	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	UL 2200, third edition	Stationary Engine Generator Assemblies
701	UL 924, tenth edition	Emergency Lighting and Power Equipment
	UL 1008, ninth edition	Transfer Switch Equipment
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
702	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 1008, ninth edition	Transfer Switch Equipment
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	UL 1008S, first edition	Solid-State Transfer Switches
705	UL 62, twentieth edition	Flexible Cords and Cables
	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 1429, fourth edition	Pullout Switches
	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	UL 2200, third edition	Stationary Engine Generator Assemblies
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	UL 3003, first edition	Distributed Generation Cables

Article	Standard Number	Standard Title
	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	UL 6142, first edition	Small Wind Turbine Systems
	UL 9540, third edition	Energy Storage Systems and Equipment
	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
706	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses
	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 489H, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures, for Use with Direct Current (DC) Microgrids
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	UL 9540, third edition	Energy Storage Systems and Equipment
708	UL 1, eleventh edition	Flexible Metal Conduit
	UL 4, fifteenth edition	Armored Cable
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables

Article	Standard Number	Standard Title
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	UL 497A, third edition	Secondary Protectors for Communications Circuits
	UL 1008, ninth edition	Transfer Switch Equipment
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	UL 1008S, first edition	Solid-State Transfer Switches
	UL 1569, fifth edition	Metal-Clad Cables
	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
710	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	UL 2200, third edition	Stationary Engine Generator Assemblies
	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	UL 9540, third edition	Energy Storage Systems and Equipment
	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	UL 62109-1, first edition	Power Converters for use in Photovoltaic Power Systems — Part 1: General Requirements
	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
722	UL 13, fourth edition	Power-Limited Circuit Cables
	UL 444, fifth edition	Communications Cables
	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	UL 1651, fourth edition	Optical Fiber Cable
	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke- Release Test for Electrical and Optical-Fiber Cables
	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	UL 2044, fourth edition	Commercial Closed-Circuit Television Equipment
	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	UL 2556, fifth edition	Wire and Cable Test Methods

Article	Standard Number	Standard Title
725	UL 1310, seventh edition	Class 2 Power Units
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	UL 9990, first edition	Information and Communication Technology (ICT) Power Cables
	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	UL 61010-2-201, second edition	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-201: Particular Requirements for Control Equipment
	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
726	UL 1400-1, first edition	Fault-Managed Power Systems — 1 General Requirements
	UL 1400-2, first edition	Fault-Managed Power Systems — 2 Requirements for Cables
	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	UL 2556, fifth edition	Wire and Cable Test Methods
728	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 568, first edition	Nonmetallic Cable Tray Systems
	UL 884, thirteenth edition	Underfloor Raceways and Fittings
	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
750	UL 467, eleventh edition	Grounding and Bonding Equipment

Article	Standard Number	Standard Title
	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	UL 497A, third edition	Secondary Protectors for Communication Circuits
	UL 497B, fourth edition	Protectors for Data Communications and Fire-Alarm Circuits
	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
760	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems
	UL 268A, fourth edition	Smoke Detectors for Duct Application
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 497B, fourth edition	Protectors for Data Communication and Fire Alarm Circuits
	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	UL 1425, third edition	Cables for Non–Power-Limited Fire-Alarm Circuits
	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories
	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
800	UL 444, fifth edition	Communications Cables
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 489A, first edition	Circuit Breakers for Use in Communication Equipment
	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	UL 497A, third edition	Secondary Protectors for Communications Circuits
	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	UL 498A, second edition	Current Taps and Adapters
	UL 523, second edition	Telephone Service Drop Wire
	UL 568, first edition	Nonmetallic Cable Tray Systems
	UL 723, eleventh edition	Test for Surface Burning Characteristics of Building Materials

Article	Standard Number	Standard Title
	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	UL 1863, fourth edition	Communication-Circuit Accessories
	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	UL 2556, fifth edition	Wire and Cable Test Methods
	UL 60950-1, second edition	Information Technology Equipment
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
810	UL 150, fourth edition	Antenna Rotators
	UL 452, seventh edition	Antenna-Discharge Units
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
820	UL 444, fifth edition	Communications Cables
	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	UL 1655, second edition	Community-Antenna Television Cables
830	UL 444, fifth edition	Communications Cables
	UL 497A, third edition	Secondary Protectors for Communications Circuits
	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
Tables 11(A) and 11(B)	UL 1310, seventh edition	Class 2 Power Units
	UL 1434, first edition	Thermistor-Type Devices
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers

Article	Standard Number	Standard Title
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
Tables 12(A) and 12(B)	UL 1310, seventh edition	Class 2 Power Units
	UL 1434, first edition	Thermistor-Type Devices
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements

Table A.1(3) Product Safety Standards for Conductors and Equipment That Do Not Have an Associated Listing Requirement and Other Referenced Publications

Article	Standard Number	Standard Title
110	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure
	UL 969, fifth edition	Marking and Labeling Systems
	UL 9691, first edition	Recommended Practice for Nameplates for Use in Electrical Installations
210	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
215	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
240	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure
245	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V
	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	NEMA C37.54	NEMA Standard Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
265	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel

Article	Standard Number	Standard Title
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 2200, third edition	Stationary Engine Generator Assemblies
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
300	UL 635, third edition	Insulating Bushings
314	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
320	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
322	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
324	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
330	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
332	UL 1565, sixth edition	Positioning Devices
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
334	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1565, sixth edition	Positioning Devices
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
335	UL 2250, third edition	Instrumentation Tray Cable
337	UL 1565, sixth edition	Positioning Devices
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
340	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
342	UL 635, third edition	Insulating Bushings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
344	UL 635, third edition	Insulating Bushings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
348	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
350	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
352	UL 635, third edition	Insulating Bushings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
353	UL 635, third edition	Insulating Bushings
355	UL 635, third edition	Insulating Bushings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
356	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
358	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
362	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
368	UL 857, thirteenth edition	Busways
392	UL 568, first edition	Nonmetallic Cable Tray Systems
400	NEMA WC 58-2017	Portable and Power Feeder Cables for Use in Mines and Similar Applications
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498B, first edition	Receptacles with Integral Switching Means
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings

Article	Standard Number	Standard Title
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 1650, first edition	Portable Power Cable
	UL 1680, second edition	Stage and Lighting Cables
	UL 2263, first edition	Electric Vehicle Cable
402	UL 66, third edition	Fixture Wire
408	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
409	UL 1436, sixth edition	Outlet Circuit Testers and Other Similar Indicating Devices
	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-30: Particular Requirements for Testing and Measuring Circuits
424	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	UL 1995, fifth edition	Heating and Cooling Equipment
	UL 1996, fourth edition	Electric Duct Heaters
	UL 60335-1, sixth edition	Safety of Household and Similar Electrical Appliances, Part 1: General Requirements
	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2–40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
425	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
426	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units
427	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications
	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 248-13, third edition	Low Voltage Fuses — Part 13: Semiconductor Fuses
	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	UL 347A, second edition	Medium Voltage Power Conversion Equipment
445	UL 3001, first edition	Distributed Energy Generation and Storage Systems
450	IEEE C57.12.00	IEEE Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers
	IEEE C57.12.28	IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity

Article	Standard Number	Standard Title
	IEEE C57.12.29	IEEE C57.12.29 IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity for Coastal Environments
	IEEE C57.16	IEEE Standard for Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors
	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements
	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 1561, fourth edition	Dry-Type General Purpose and Power Transformers
	UL 1562, fourth edition	Transformers, Distribution, Dry-Type Over 600 Volts
	UL 5085, second edition	Low Voltage Transformers — Part 2: General Purpose Transformers
460	UL 810, sixth edition	Capacitors
	UL 1283, seventh edition	Electromagnetic Interference Filters
	UL 60384-14, second edition	Fixed Capacitors for Use in Electronic Equipment — Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains
470	UL 508, eighteenth edition	Industrial Control Equipment
	UL 1283, seventh edition	Electromagnetic Interference Filters
495	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V
	IEEE C37.20.2	IEEE Standard for Metal-Clad Switchgear
	IEEE C37.20.3	IEEE Standard for Metal-Enclosed Interrupter Switchgear (1 kV–38 kV)
	IEEE C37.20.4	IEEE Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear
	IEEE C37.20.6	IEEE Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in Enclosures
	IEEE C37.20.9	IEEE Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems
	IEEE C37.23	IEEE Standard for Metal-Enclosed Bus
	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories

Article	Standard Number	Standard Title
	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	IEEE C37.59	IEEE Standard for Requirements for Conversion of Power Switchgear Equipment
	IEEE C37.60	IEEE International Standard — High-voltage switchgear and controlgear — Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV
	IEEE C37.74	IEEE Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV
	NEMA C37.54	American National Standard for Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
	NEMA C37.55	American National Standard for Switchgear — Medium Voltage Metal-Clad Assemblies — Conformance Test Procedures
	NEMA C37.57	American National Standard for Switchgear — Metal-Enclosed Interrupter Switchgear Assemblies — Conformance Testing
	NEMA C37.58	American National Standard for Switchgear — Indoor AC Medium Voltage Switches for Use in Metal-Enclosed Switchgear — Conformance Test Procedures
	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15KV
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	UL 2748, first edition	Arcing Fault Quenching Equipment
	UL 2877, fourth edition	Power Supplies, Medium Voltage
	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
500	ANSI/IEEE C2	National Electrical Safety Code, Section 127A, Coal Handling Areas
	ANSI/UL 121203	Recommended Practice for Portable/Personal Electronic Products Suitable for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2, Class III, Division 1, Class III, Division 2, Zone 21 and Zone 22 Hazardous (Classified) Locations
	API RP 14F	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Division 1 and Division 2 Locations
	API RP 500	Recommended Practice for Classification of Locations of Electrical Installations at Petroleum Facilities Classified as Class I, Division 1 and Division 2
	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	ASHRAE 15	Safety Standard for Refrigeration Systems.
	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	IEEE 844.2	Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	IEEE 60079-30-2	IEEE/IEC International Standard for Explosive atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for

Article	Standard Number	Standard Title
		design, installation, and maintenance
	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	ISA-12.10	Area Classification in Hazardous (Classified) Dust Locations
	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	NFPA 30-2024	Flammable and Combustible Liquids Code
	NFPA 32-2021	Standard for Drycleaning Facilities
	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	NFPA 35-2021	Standard for the Manufacture of Organic Coatings
	NFPA 36-2025	Standard for Solvent Extraction Plants
	NFPA 45-2024	Standard on Fire Protection for Laboratories Using Chemicals
	NFPA 55-2026	Compressed Gases and Cryogenic Fluids Code
	NFPA 58-2024	Liquefied Petroleum Gas Code
	NFPA 59-2024	Utility LP-Gas Plant Code
	NFPA 77-2024	Recommended Practice on Static Electricity
	NFPA 497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installation in Chemical Process Areas
	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	NFPA 820-2024	Standard for Fire Protection in Wastewater Treatment and Collection Facilities
	UL 60079-29-2, second edition	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	UL 120002, second edition	Recommended Practice for Certificates for Equipment for Hazardous (Classified) Locations
	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
501	UL 62, twentieth edition	Flexible Cords and Cables
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
503	NFPA 505-2024	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations
504	ISA-RP 12.06.01	Recommended Practice for Wiring Methods for Hazardous (Classified) Locations Instrumentation — Part 1: Intrinsic Safety
505	ANSI/API RP 14FZ	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Zone 0, Zone 1, and Zone 2 Locations

Article	Standard Number	Standard Title
	API RP 505	Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Zone 0, Zone 1, and Zone 2
	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	EI 15	Model Code of Safe Practice, Part 15: Area Classification Code for Installations Handling Flammable Fluids
	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	ISA-60079-10-1 (12.24.01)	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive gas atmospheres
	ISA-60079-29-2	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	NFPA 30-2024	Flammable and Combustible Liquids Code
	NFPA 77-2024	Recommended Practice on Static Electricity
	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	UL 80079-20-1, first edition	Explosive Atmospheres — Part 20-1: Material Characteristics for Gas and Vapour Classification — Test Methods and Data
	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
506	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	ISA-60079-10-2 (12.10.05)	Explosive Atmospheres — Part 10-2: Classification of Areas — Combustible Dust Atmospheres
	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
511	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages
	NFPA 88A-2023	Standard for Parking Structures
512	ICC IFC	International Fire Code
	NFPA 1-2023	Fire Code
	NFPA 30-2024	Flammable and Combustible Liquids Code

Article	Standard Number	Standard Title
	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 36-2025	Standard for Solvent Extraction Plants
	NFPA 58-2024	Liquefied Petroleum Gas Code
	NFPA 70B-2023	Standard for Electrical Equipment Maintenance
	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
513	NFPA 30-2024	Flammable and Combustible Liquids Code
	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 409-2022	Standard on Aircraft Hangars
514	NFPA 2-2023	Hydrogen Technologies Code
	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages
	NFPA 52-2023	Vehicular Natural Gas Fuel Systems Code
	NFPA 58-2024	Liquefied Petroleum Gas Code
	NFPA 59-2024	Utility LP-Gas Plant Code
	NFPA 303-2026	Fire Protection Standard for Marinas and Boatyards
515	NFPA 30-2024	Flammable and Combustible Liquids Code
516	NFPA 13-2025	Standard for the Installation of Sprinkler Systems
	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	NFPA 77-2024	Recommended Practice on Static Electricity
	NFPA 91-2026	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids
	NFPA 701-2023	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
620	UL 4, fifteenth edition	Armored Cable
	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 66, third edition	Fixture Wire
	UL 504, third edition	Mineral-Insulated, Metal Sheathed Cable
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 1569, fifth edition	Metal-Clad Cables
625	UL 3001, first edition	Distributed Energy Generation and Storage Systems
630	UL 1276, third edition	Welding Cable
650	UL 1651, fourth edition	Optical Fiber Cable
660	UL 62, twentieth edition	Flexible Cords and Cables
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
668	UL 4, fifteenth edition	Armored Cable

Article	Standard Number	Standard Title
	UL 62, twentieth edition	Flexible Cords and Cables
670	UL 1740, fourth edition	Standard for Robots and Robotic Equipment
	UL 2011, seventh edition	Machinery
	UL 3100, first edition	Automated Mobile Platforms (AMPs)
675	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 83A, first edition	Fluoropolymer Insulated Wire
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 1263, sixth edition	Irrigation Cable
690	UL 3001, first edition	Distributed Energy Generation and Storage Systems
691	UL 3001, first edition	Distributed Energy Generation and Storage Systems
692	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 83A, first edition	Fluoropolymer Insulated Wire
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
694	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 83A, first edition	Fluoropolymer Insulated Wire
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
700	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
701	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
702	UL 3001, first edition	Distributed Energy Generation and Storage Systems

Article	Standard Number	Standard Title
705	UL 3001, first edition	Distributed Energy Generation and Storage Systems
708	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure
710	UL 3001, first edition	Distributed Energy Generation and Storage Systems

Additional Proposed Changes

File Name	Description	Approved
NEC_2029_UL_Referenced_Standards_v1r3.pdf	Revisions to Annex A Tables A.1(2) and A.1(3)	

Statement of Problem and Substantiation for Public Input

Revise Informative Annex A Tables A.1(2) and A.1(3) with the proposed changes in the attached file. The changes are highlighted in the file, with the following providing substantiation.

1. Updated standard editions for referenced UL standards: Two hundred twenty-five referenced UL standards are proposed to be updated to the most recent edition.

2. Corrections for UL standard titles: Eighty-nine UL standard titles have been updated to match the current UL standard title.

3. Removed UL standards: The following UL standards are proposed to be deleted from Annex A.

- Article 624, UL 9741A, Onboard Electric Vehicle Power Export and Import Equipment
  - Standard Unavailable
- Article 600, UL 2703, first edition, Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
  - Standard not referenced in Article 600
- Article 640, UL 60065, eighth edition, Audio, Video and Similar Electronic Apparatus — Safety Requirements
  - Standard superseded by UL 62368-1, which is already referenced for Article 640.

4. Added standards: The following standards are proposed to be added to Annex A Tables A.1(2) and Table A.1(3)..

- Table A.1(2)

- Article 705, UL 1008B, fourth edition, Source Interconnection Switches
  - Coordinated with PI to add listing requirement to 705.70.
- Article 705, UL 3008, third edition, Automatic Interconnection Switches for Emergency Systems
  - Coordinated with PI to add listing requirement to 705.70(3).
- Article 710, UL 3001, first edition, Distributed Energy Generation and Storage Systems
  - Coordinated with PI to add listing requirement to 710.
- Article 721, UL 60950-1, second edition, Information Technology Equipment - Safety - Part 1: General Requirements
  - Standard referenced in 721.30(A).
- Article 721, UL 61010-2-201, third edition Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use – Part 2-201: Particular Requirements for Control Equipment
  - Standard referenced in 721.30(A).
- Article 721, UL 61800-5-1, second edition, Adjustable Speed Electrical Power Drive Systems – Part 5-1: Safety Requirements – Electrical, Thermal and Energy
  - Standard referenced in 721.30(A).
- Article 721, UL 62368-1, fourth edition, Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements
  - Standard referenced in 721.30(A).
- Article 210, UL 943C, second edition, Special Purpose Ground-Fault Circuit-Interrupters
  - Standard referenced in 210.8(F).

- Article 705, UL 6200, first edition, Controllers for Use in Power Production
  - Coordinated with PI to add listing requirement to 705.
- Articles 330, 336, and 392, CSA C22.2 NO. 61914:23, Cable cleats for electrical installations
  - Listing requirements already exist in Articles 330 and 336. Coordinated with PI to add listing requirement to 392.

• Table A.1(3)

- Article 110, UL 3115, first edition, Safety of AI-Based Products
  - Coordinated with PI No. 2244 to add the evaluation of the impact of Artificial Intelligence (AI) for equipment to 110.3(A).
- Article 110, UL 2900-1, second edition, Software Cybersecurity for Network-Connectable Products, Part 1: General Requirements
  - Added based on the reference to UL 2900 series of standards for software cybersecurity for network-connectable products in 110.3(A)(8).
- Article 110, UL 2900-2-3, first edition, Software Cybersecurity for Network-Connectable Products, Part 2-3: Particular Requirements for Security and Life Safety Signaling Systems
  - Added based on the reference to UL 2900 series of standards for software cybersecurity for network-connectable products in 110.3(A)(8).
- Article 240, UL 2900-1, second edition, Software Cybersecurity for Network-Connectable Products, Part 1: General Requirements
  - Added based on the reference to UL 2900 series of standards for software cybersecurity for network-connectable Article 240.
- Article 517, UL 2800-1, third edition, Medical Device Interoperability
  - With the increased complexity of electrical system components and medical devices, the need is increasing to consider interoperable medical products when incorporated into interoperable medical systems.
  - This standard provides guidance on addressing the interoperability of medical devices in health care facilities.
- Article 517, UL 2900-2-1, first edition, Software Cybersecurity for Network-Connectable Products, Part 2-1: Particular Requirements for Network Connectable Components of Healthcare and Wellness Systems
  - Added based on the reference to the UL 2900 series of standards for software cybersecurity for network-connectable products in Article 517.
- Article 705, UL 2941, first edition, Cybersecurity of Distributed Energy and Inverter-Based Resources
  - Added based on the reference to the UL 2900 series of standards for software cybersecurity for network-connectable products in Article 705.
- Article 708, UL 2900-1, second edition, Software Cybersecurity for Network-Connectable Products, Part 1: General Requirements
  - Added based on the reference to the UL 2900 series of standards for software cybersecurity for network-connectable products in Article 708.
- Article 706, UL 98C, second edition, Energy Storage System Switches
  - Added based on the newly updated standard applicable to Energy Storage Systems.
- Article 370, IEEE C37.23, IEEE Standard for Metal-Enclosed Bus
  - Added based on common use in the industry for a metal-enclosed bus.

5. Relocate standards within Annex A Tables

- The following standards are proposed to be moved from Article 404 to Article 406 based upon the changes made in moving some of the switching products from Article 404 to Article 406 (Wiring Devices).
  - ANSI/NEMA WD 6–2016, Wiring Devices — Dimensional Specifications
  - UL 20, fourteenth edition, General-Use Snap Switches
  - UL 773, fifth edition, Plug-In Locking Type Photocontrols for Use with Area Lighting
  - UL 773A, sixth edition, Nonindustrial Photoelectric Switches for Lighting Control
  - UL 917, fifth edition, Clock-Operated Switches
  - UL 1472, second edition, Solid-State Dimming Controls
  - UL 60730-1, fifth edition, Automatic Electrical Controls — Part 1: General Requirements
  - UL 60730-2-7, third edition, Automatic Electrical Controls — Part 2–7: Particular Requirements for Timers and Time Switches

- The following standards are proposed to be moved from Table A.1(3) to Table A.1(2) based upon the article's listing requirements.
  - Article 700, UL 3008, third edition, Automatic Interconnection Switches for Emergency Systems
  - Article 701, UL 3008, third edition, Automatic Interconnection Switches for Emergency Systems

- Article 392, UL 568, first edition, Nonmetallic Cable Tray Systems (Coordinated with PI to add listing requirement to 392.)

- The following standard is proposed to be moved from Table A.1(2) to Table A.1(3) because listing requirements are not included in the referenced article.
  - Article 370, ANSI/CSA C22.2 No. 273, Cablebus

Submitter Information Verification

Submitter Full Name: Charles Mercier

Organization: UL Standards & Engagement (ULSE)

Street Address:

City:

State:

Zip:

Submittal Date: Thu Oct 23 08:53:44 EDT 2025

Committee: NEC-P01

NFPA 70 — National Electrical Code (Proposed 2029)

Informative Annex A Informational References

A.1 Referenced Publications Tables A.1(2) and A.1(3)

Highlighted Text
Green - Edit/New
Orange - Moved

Table A.1(2) Product Safety Standards for Conductors and Equipment That Have an Associated Listing Requirement

Article	Standard Number	Standard Title
110	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies
	UL 305, sixth edition	Panic Hardware
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	UL 6142, second ~~first~~ edition	Cable Management Systems — Cable Ties for Electrical Installations
130	UL 916, fifth edition	Energy Management Equipment
	UL 3141, second ~~first~~ edition	Power Control Systems
210	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	UL 1699, fourth ~~third~~ edition	Arc-Fault Circuit-Interrupters
	UL 1699A, third ~~second~~ edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters
225	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 360, eighth ~~seventh~~ edition	Liquid-Tight Flexible Metal Conduit
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 1242, fifth ~~fourth~~ edition	Electrical Intermediate Metal Conduit — Steel
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
230	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 67, thirteenth edition	Panelboards
	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 218, third edition	Fire Pump Controllers
	UL 231, eleventh ~~tenth~~ edition	Power Outlets
	UL 360, eighth ~~seventh~~ edition	Liquid-Tight Flexible Metal Conduit
	UL 414, tenth ~~ninth~~ edition	Meter Sockets
	UL 486A-486B, fourth ~~third~~ edition	Wire Connectors
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 489, fourteenth ~~thirteenth~~ edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 508, nineteenth ~~eighteenth~~ edition	Industrial Control Equipment

	UL 508A, third edition	Industrial Control Panels
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 845, sixth edition	Motor Control Centers
	UL 857, fourteenth ~~thirteenth~~ edition	Busways
	UL 869A, fifth ~~fourth~~ edition	Reference Service Equipment
	UL 891, twelfth edition	Switchboards
	UL 977, fifth edition	Fused Power-Circuit Devices
	UL 1008, ninth edition	Transfer Switch Equipment
	UL 1008M, first edition	Transfer Switch Equipment, Meter Mounted
	UL 1008S, first edition	Solid-State Transfer Switches
	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	UL 1062, fourth ~~third~~ edition	Unit Substations
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 1242, fifth ~~fourth~~ edition	Electrical Intermediate Metal Conduit — Steel
	UL 1429, fourth edition	Pullout Switches
	UL 1449, fifth edition	Surge Protective Devices
	UL 1558, sixth ~~fifth~~ edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 1740, fourth edition	Robots and Robotic Equipment
	UL 1953, eighth ~~seventh~~ edition	Power Distribution Blocks
	UL 2011, seventh edition	Machinery
	UL 2200, third edition	Stationary Engine Generator Assemblies
	UL 2416, first edition	Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems
	UL 2446, first edition	Unitary Boiler Room Systems
	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	UL 2735, second ~~first~~ edition	Electric Utility Meters
	UL 2745, second ~~first~~ edition	Meter Socket Adapters for Communications ~~Equipment~~
	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
240	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements
	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	UL 248-3, second edition	Low-Voltage Fuses — Part ~~2~~3: Class CA and CB Fuses
	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	UL 248-9, third ~~second~~ edition	Low-Voltage Fuses — Part 9: Class K Fuses
	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	UL 248-11, third edition	Low-Voltage Fuses — Part 11: Plug Fuses

	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses
	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	UL 489, fourteenth ~~thirteenth~~ edition	Molded-Case Circuit Breakers, Molded-Case Switches~~,~~ and Circuit-Breaker Enclosures
	UL 489I, first ~~second~~ edition	Solid State ~~Molded-Case~~ Circuit Breakers
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
242	UL 1449, fifth edition	Surge Protective Devices
250	UL 1, eleventh edition	Flexible Metal Conduit
	UL 4, sixteenth ~~fifteenth~~ edition	Armored Cable
	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 153, thirteenth edition	Portable Electric Luminaires
	UL 360, eighth ~~seventh~~ edition	Liquid-Tight Flexible Metal Conduit
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 486A-486B, fourth ~~third~~ edition	Wire Connectors
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 514A, twelfth ~~eleventh~~ edition	Metallic Outlet Boxes
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	UL 797A, fourth ~~third~~ edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	UL 1242, fifth ~~fourth~~ edition	Electrical Intermediate Metal Conduit — Steel
	UL 1569, fifth edition	Metal-Clad Cables
	UL 1652, third edition	Flexible Metallic Tubing
270	UL 1, eleventh edition	Flexible Metal Conduit
	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 360, eighth ~~seventh~~ edition	Liquid-Tight Flexible Metal Conduit
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 486A-486B, fourth ~~third~~ edition	Wire Connectors
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 514A, twelfth ~~eleventh~~ edition	Metallic Outlet Boxes
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	UL 797A, fourth ~~third~~ edition	Electrical Metallic Tubing — Aluminum and Stainless Steel

	UL 1242, fifth ~~fourth~~ edition	Electrical Intermediate Metal Conduit — Steel
	UL 1569, fifth edition	Metal-Clad Cables
300	UL 4, sixteenth ~~fifteenth~~ edition	Armored Cable
	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 83A, first edition	Fluoropolymer Insulated Wire
	UL 263, fourteenth edition	Fire Tests of Building Construction and Materials
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	UL 1569, fifth edition	Metal-Clad Cables
	UL 1581, fourth edition	Reference Electrical Wires, Cables, and Flexible Cords
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
	UL 2556, fifth edition	Wire and Cable Test Methods
	UL 6142, second ~~first~~ edition	Cable Management Systems — Cable Ties for Electrical Installations
310	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 83A, first edition	Fluoropolymer Insulated Wire
	UL 83B, second ~~first~~ edition	Switchboard and Switchgear Wires and Cables
	UL 224, eighth ~~seventh~~ edition	Extruded Insulating Tubing
	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 854, twelfth edition	Service-Entrance Cables
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 1441, fifth edition	Coated Electrical Sleeving
	UL 1581, fourth edition	Reference Electrical Wires, Cables, and Flexible Cords
312	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 2808, first edition	Energy Monitoring Equipment
	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	UL 61010-2-030, third ~~second~~ edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-030: Particular Requirements for Testing and Measuring Circuits
314	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498B, first edition	Receptacles with Integral Switching Means

	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 514A, twelfth ~~eleventh~~ edition	Metallic Outlet Boxes
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 514D, third ~~second~~ edition	Cover Plates for Flush-Mounted Wiring Devices
	UL 1953, eighth ~~seventh~~ edition	Power Distribution Blocks
315	ANSI C119.4	Electric Connectors — Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93ºC and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100ºC
	IEEE 48	IEEE Standard for Test Procedures and Requirements for Alternating-Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV
	IEEE 386	IEEE Standard for Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV
	IEEE 404	IEEE Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2.5 kV to 500 kV
	UL 4, sixteenth ~~fifteenth~~ edition	Armored Cable
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 1072, fourth edition	Medium-Voltage Power Cables
	UL 1569, fifth edition	Metal-Clad Cables
320	UL 4, sixteenth ~~fifteenth~~ edition	Armored Cable
	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 1565, sixth edition	Positioning Devices
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
322	UL 486A-486B, fourth ~~third~~ edition	Wire Connectors
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 514A, twelfth ~~eleventh~~ edition	Metallic Outlet Boxes
324	UL 486A-486B, fourth ~~third~~ edition	Wire Connectors
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
330	CSA C22.2 NO. 61914:23	Cable cleats for electrical installations
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 1565, sixth edition	Positioning Devices
	UL 1569, fifth edition	Metal-Clad Cables
	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
332	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
334	UL 719, fourteenth ~~thirteenth~~ edition	Nonmetallic-Sheathed Cables
	UL 2256, first edition	Nonmetallic Sheathed Cable Interconnects

	UL 6142, second ~~first~~ edition	Cable Management Systems — Cable Ties for Electrical Installations
335	UL 2250, third edition	Instrumentation Tray Cable
336	CSA C22.2 NO. 61914:23	Cable cleats for electrical installations
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members
	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
337	UL 1309A, first edition	Cable for Use in Mobile Installations
338	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 854, twelfth edition	Service-Entrance Cables
340	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
342	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 1242, fifth ~~fourth~~ edition	Electrical Intermediate Metal Conduit — Steel
344	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
348	UL 1, eleventh edition	Flexible Metal Conduit
	UL 6142, second ~~first~~ edition	Cable Management Systems — Cable Ties for Electrical Installations
350	UL 360, eighth ~~seventh~~ edition	Liquid-Tight Flexible Metal~~Steel~~ Conduit
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 6142, second ~~first~~ edition	Cable Management Systems — Cable Ties for Electrical Installations
352	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
353	UL 651A, sixth edition	High Density Polyethylene (HDPE) Conduit
354	UL 1990, fourth edition	Nonmetallic Underground HDPE Conduit with Conductors
355	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
356	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 6142, second ~~first~~ edition	Cable Management Systems — Cable Ties for Electrical Installations
358	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	UL 797A, fourth ~~third~~ edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
360	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 1652, third edition	Flexible Metallic Tubing
362	UL 1653, third edition	Electrical Nonmetallic Tubing

	UL 6142, second ~~first~~ edition	Cable Management Systems — Cable Ties for Electrical Installations
366	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings
368	UL 509, second edition	Bus Drop Cable
~~370~~	~~ANSI/CSA C22.2 No. 273~~	~~Cablebus~~
371	UL 1386, second ~~first~~ edition	Flexible Bus Systems
	UL 1387, second ~~first~~ edition	Flexible Insulated Bus
374	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	UL 360, eighth ~~seventh~~ edition	Liquid-Tight Flexible Metal Conduit
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
376	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings
	UL 1953, eighth ~~seventh~~ edition	Power Distribution Blocks
378	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings
382	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	UL 183, fourth edition	Manufactured Wiring Systems
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 498M, first edition	Marine Shore Power Inlets
	UL 514D, third ~~second~~ edition	Cover Plates for Flush-Mounted Wiring Devices
	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 991, third edition	Tests for Safety-Related Controls Employing Solid-State Devices
	UL 1077, seventh edition	Supplementary Protectors for Use in Electrical Equipment
	UL 1699, fourth ~~third~~ edition	Arc-Fault Circuit-Interrupters
	UL 1998, third edition	Software in Programmable Components
384	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
386	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
388	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
392	CSA C22.2 NO. 61914:23	Cable cleats for electrical installations
	UL 568, first edition	Nonmetallic Cable Tray Systems
	UL 6142, second ~~first~~ edition	Cable Management Systems — Cable Ties for Electrical Installations
393	UL 13, fourth edition	Power-Limited Circuit Cables
	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 1310, seventh edition	Class 2 Power Units

	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	UL 2577, second ~~first~~ edition	Suspended Ceiling Power Grid Systems and Equipment
	UL 62368-1, fourth ~~third~~ edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
396	UL 1072, fourth edition	Medium-Voltage Power Cables
404	~~ANSI/NEMA WD 6–2016~~	~~Wiring Devices — Dimensional Specifications~~
	~~UL 20, fifteenth edition~~	~~General-Use Snap Switches~~
	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 98A, second edition	Open_Type Switches
	UL 363, eleventh edition	Knife Switches
	UL 489, fourteenth ~~thirteenth~~ edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	~~UL 773, fifth edition~~	~~Plug-In Locking Type Photocontrols for Use with Area Lighting~~
	~~UL 773A, sixth edition~~	~~Nonindustrial Photoelectric Switches for Lighting Control~~
	~~UL 917, fifth edition~~	~~Clock-Operated Switches~~
	UL 977, fifth edition	Fused Power-Circuit Devices
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	~~UL 1472, second edition~~	~~Solid-State Dimming Controls~~
	UL 1429, fourth edition	Pullout Switches
	~~UL 60730-1, sixth edition~~	~~Automatic Electrical Controls — Part 1: General Requirements~~
	~~UL 60730-2-7, third edition~~	~~Automatic Electrical Controls — Part 2–7: Particular Requirements for Timers and Time Switches~~
406 ~~404~~	ANSI/NEMA WD 6–2016	Wiring Devices — Dimensional Specifications
406 ~~404~~	UL 20, fourteenth edition	General-Use Snap Switches
406	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498B, first edition	Receptacles with Integral Switching Means
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 498M, first edition	Marine Shore Power Inlets
	UL 514A, twelfth ~~eleventh~~ edition	Metallic Outlet Boxes
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 514D, third ~~second~~ edition	Cover Plates for Flush-Mounted Wiring Devices
406 ~~404~~	UL 773, fifth edition	Plug-In Locking Type Photocontrols for Use with Area Lighting
406 ~~404~~	UL 773A, sixth edition	Nonindustrial Photoelectric Switches for Lighting Control
406 ~~404~~	UL 917, fifth edition	Clock-Operated Switches
406	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 943B, third edition	Appliance Leakage-Current Interrupters
	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	UL 970, first edition	Retail Fixtures and Merchandise Displays
	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment

	UL 1286, sixth edition	Office Furnishings Systems
	UL 1310, seventh edition	Class 2 Power Units
404	UL 1429, fourth edition	Pullout Switches
406 ~~404~~	UL 1472, second edition	Solid-State Dimming Controls
406	UL 1682, fifth edition	Plugs, Receptacles, and Cable Connectors, of the Pin and Sleeve Type
	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
	UL 1699, fourth ~~third~~ edition	Arc-Fault Circuit-Interrupters
	UL 1699A, third ~~second~~ edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters - See 406.4(D)(4)(1)
	UL 2999, first edition	Individual Commercial Office Furnishings
406 ~~404~~	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
406 ~~404~~	UL 60730-2-7, third edition	Automatic Electrical Controls — Part 2–7: Particular Requirements for Timers and Time Switches
408	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 67, thirteenth edition	Panelboards
	UL 891, twelfth edition	Switchboards
	UL 1558, sixth ~~fifth~~ edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
409	UL 508, nineteenth ~~eighteenth~~ edition	Industrial Control Equipment
	UL 508A, third edition	Industrial Control Panels
410	ANSI/CSA-C22.2 No. 184.2	Solid-State Controls for Lighting Systems (SSCLS)
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800	UL 444, fifth edition	Communications Cables
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 489A, first edition	Circuit Breakers for Use in Communications Equipment
	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	UL 497A, third edition	Secondary Protectors for Communications Circuits
	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	UL 498A, second edition	Current Taps and Adapters
	UL 523, second edition	Telephone Service Drop Wire
	UL 568, first edition	Nonmetallic Cable Tray Systems
	UL 723, eleventh edition	Test for Surface Burning Characteristics of Building Materials
	UL 1581, fourth edition	Reference Electrical Wires, Cables, and Flexible Cords
	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	UL 1685, fifth ~~fourth~~ edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	UL 1863, fourth edition	Communications-Circuit Accessories
	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	UL 2196, third ~~second~~ edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	UL 2556, fifth edition	Wire and Cable Test Methods
	UL 60950-1, second edition	Information Technology Equipment — Safety — Part 1: General Requirements
	UL 6142, second ~~first~~ edition	Cable Management Systems — Cable Ties for Electrical Installations

	UL 62368-1, fourth ~~third~~ edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
810	UL 150, fourth edition	Antenna Rotators
	UL 452, seventh edition	Antenna-Discharge Units
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
820	UL 444, fifth edition	Communications Cables
	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	UL 1655, third ~~second~~ edition	Community-Antenna Television Cables
830	UL 444, fifth edition	Communications Cables
	UL 497A, third edition	Secondary Protectors for Communications Circuits
	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	UL 62368-1, fourth ~~third~~ edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
Tables 11(A) and 11(B)	UL 1310, seventh edition	Class 2 Power Units
	UL 1434, first edition	Thermistor-Type Devices
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	UL 62368-1, fourth ~~third~~ edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
Tables 12(A) and 12(B)	UL 1310, seventh edition	Class 2 Power Units
	UL 1434, first edition	Thermistor-Type Devices
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	UL 62368-1, fourth ~~third~~ edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements

Table A.1(3) Product Safety Standards for Conductors and Equipment That Do Not Have an Associated Listing Requirement and Other Referenced Publications

110	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure
	UL 3115, first edition	Safety of AI-Based Products
	UL 2900-1, second edition	Software Cybersecurity for Network-Connectable Products, Part 1: General Requirements
	UL 2900-2-3, first edition	Software Cybersecurity for Network-Connectable Products, Part 2-3: Particular Requirements for Security and Life Safety Signaling Systems
	UL 969, sixth ~~fifth~~ edition	Marking and Labeling Systems

	UL 9691, first edition	Recommended Practice for Nameplates for Use in Electrical Installations
210	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
215	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
240	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure
245	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V
240	UL 2900-1, second edition	Software Cybersecurity for Network-Connectable Products, Part 1: General Requirements
245	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	NEMA C37.54	NEMA Standard Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
265	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	UL 360, eighth ~~seventh~~ edition	Liquid-Tight Flexible Metal Conduit
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	UL 1242, fifth ~~fourth~~ edition	Electrical Intermediate Metal Conduit — Steel
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 2200, third edition	Stationary Engine Generator Assemblies
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
300	UL 635, third edition	Insulating Bushings
314	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
	UL 3004, second edition	~~Outline of Investigation for~~ Medium Voltage Junction Boxes
320	UL 514A, twelfth ~~eleventh~~ edition	Metallic Outlet Boxes
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
322	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
324	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
330	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
332	UL 1565, sixth edition	Positioning Devices
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
334	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel

	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	UL 797A, fourth ~~third~~ edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	UL 1242, fifth ~~fourth~~ edition	Electrical Intermediate Metal Conduit — Steel
	UL 1565, sixth edition	Positioning Devices
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
335	UL 2250, third edition	Instrumentation Tray Cable
337	UL 1565, sixth edition	Positioning Devices
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
340	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
342	UL 635, third edition	Insulating Bushings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
344	UL 635, third edition	Insulating Bushings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
348	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
350	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
352	UL 635, third edition	Insulating Bushings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
353	UL 635, third edition	Insulating Bushings
355	UL 635, third edition	Insulating Bushings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
356	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
358	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
362	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
368	UL 857, fourteenth ~~thirteenth~~ edition	Busways
370	ANSI/CSA C22.2 No. 273	Cablebus
	IEEE C37.23	IEEE Standard for Metal-Enclosed Bus
392	~~UL 568, first edition~~	~~Nonmetallic Cable Tray Systems~~
400	NEMA WC 58-2017	Portable and Power Feeder Cables for Use in Mines and Similar Applications
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498B, first edition	Receptacles with Integral Switching Means
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection

	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 817, thirteenth ~~twelfth~~ edition	Cord Sets and Power-Supply Cords
	UL 1650, first edition	Portable Power Cable
	UL 1680, second edition	Stage and Lighting Cables
	UL 2263, first edition	Electric Vehicle Cable
402	UL 66, third edition	Fixture Wire
408	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
409	UL 1436, sixth edition	Outlet Circuit Testers and ~~Other~~ Similar Indicating Devices
	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	UL 61010-2-030, third ~~second~~ edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-30: Particular Requirements for Testing and Measuring Circuits
424	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	UL 1995, fifth edition	Heating and Cooling Equipment
	UL 1996, fourth edition	Electric Duct Heaters
	UL 60335-1, seventh ~~sixth~~ edition	Safety of Household and Similar Electrical Appliances, Part 1: General Requirements
	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2–40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
425	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
426	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units
427	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications
	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 248-13, third edition	Low Voltage Fuses — Part 13: Semiconductor Fuses
	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	UL 347A, second edition	Medium Voltage Power Conversion Equipment
445	UL 3001, first edition	Distributed Energy Generation and Storage Systems
450	IEEE C57.12.00	IEEE Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers
	IEEE C57.12.28	IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity
	IEEE C57.12.29	IEEE C57.12.29 IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity for Coastal Environments
	IEEE C57.16	IEEE Standard for Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors
	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations

	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements
	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	UL 248-9, third ~~second~~ edition	Low-Voltage Fuses — Part 9: Class K Fuses
	UL 489, fourteenth ~~thirteenth~~ edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 1561, fourth edition	Dry-Type General Purpose and Power Transformers
	UL 1562, fourth edition	Transformers, Distribution, Dry-Type - Over 600 Volts
	UL 5085-2, first ~~second~~ edition	Low Voltage Transformers — Part 2: General Purpose Transformers
460	UL 810, sixth edition	Capacitors
	UL 1283, eighth ~~seventh~~ edition	Electromagnetic Interference Filters
	UL 60384-14, third ~~second~~ edition	Fixed Capacitors for Use in Electronic Equipment — Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains
470	UL 508, nineteenth ~~eighteenth~~ edition	Industrial Control Equipment
	UL 1283, eighth ~~seventh~~ edition	Electromagnetic Interference Filters
495	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V
	IEEE C37.20.2	IEEE Standard for Metal-Clad Switchgear
	IEEE C37.20.3	IEEE Standard for Metal-Enclosed Interrupter Switchgear (1 kV–38 kV)
	IEEE C37.20.4	IEEE Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear
	IEEE C37.20.6	IEEE Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in Enclosures
	IEEE C37.20.9	IEEE Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems
	IEEE C37.23	IEEE Standard for Metal-Enclosed Bus
	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	IEEE C37.59	IEEE Standard for Requirements for Conversion of Power Switchgear Equipment
	IEEE C37.60	IEEE International Standard — High-voltage switchgear and controlgear — Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV
	IEEE C37.74	IEEE Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV

	NEMA C37.54	American National Standard for Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
	NEMA C37.55	American National Standard for Switchgear — Medium Voltage Metal-Clad Assemblies — Conformance Test Procedures
	NEMA C37.57	American National Standard for Switchgear — Metal-Enclosed Interrupter Switchgear Assemblies — Conformance Testing
	NEMA C37.58	American National Standard for Switchgear — Indoor AC Medium Voltage Switches for Use in Metal-Enclosed Switchgear — Conformance Test Procedures
	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15KV
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	UL 2748, second ~~first~~ edition	Arcing Fault Quenching Equipment
	UL 2877, fifth ~~fourth~~ edition	Power Supplies, Medium Voltage
	UL 3004, second edition	~~Outline of Investigation for~~ Medium Voltage Junction Boxes
500	ANSI/IEEE C2	National Electrical Safety Code, Section 127A, Coal Handling Areas
	ANSI/UL 121203	Recommended Practice for Portable/Personal Electronic Products Suitable for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2, Class III, Division 1, Class III, Division 2, Zone 21 and Zone 22 Hazardous (Classified) Locations
	API RP 14F	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Division 1 and Division 2 Locations
	API RP 500	Recommended Practice for Classification of Locations of Electrical Installations at Petroleum Facilities Classified as Class I, Division 1 and Division 2
	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	ASHRAE 15	Safety Standard for Refrigeration Systems.
	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	IEEE 844.2	Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	IEEE 60079-30-2	IEEE/IEC International Standard for Explosive atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation, and maintenance
	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	ISA-12.10	Area Classification in Hazardous (Classified) Dust Locations

	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	NFPA 30-2024	Flammable and Combustible Liquids Code
	NFPA 32-2021	Standard for Drycleaning Facilities
	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	NFPA 35-2021	Standard for the Manufacture of Organic Coatings
	NFPA 36-2025	Standard for Solvent Extraction Plants
	NFPA 45-2024	Standard on Fire Protection for Laboratories Using Chemicals
	NFPA 55-2026	Compressed Gases and Cryogenic Fluids Code
	NFPA 58-2024	Liquefied Petroleum Gas Code
	NFPA 59-2024	Utility LP-Gas Plant Code
	NFPA 77-2024	Recommended Practice on Static Electricity
	NFPA 497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installation in Chemical Process Areas
	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	NFPA 820-2024	Standard for Fire Protection in Wastewater Treatment and Collection Facilities
	UL 60079-29-2, second edition	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	UL 120002, second edition	Recommended Practice for Certificates for Equipment for Hazardous (Classified) Locations
	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
501	UL 62, twentieth edition	Flexible Cords and Cables
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
503	NFPA 505-2024	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations
504	ISA-RP 12.06.01	Recommended Practice for Wiring Methods for Hazardous (Classified) Locations Instrumentation — Part 1: Intrinsic Safety
505	ANSI/API RP 14FZ	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Zone 0, Zone 1, and Zone 2 Locations

	API RP 505	Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Zone 0, Zone 1, and Zone 2
	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	EI 15	Model Code of Safe Practice, Part 15: Area Classification Code for Installations Handling Flammable Fluids
	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	ISA-60079-10-1 (12.24.01)	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive gas atmospheres
	ISA-60079-29-2	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	NFPA 30-2024	Flammable and Combustible Liquids Code
	NFPA 77-2024	Recommended Practice on Static Electricity
	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	UL 80079-20-1, first edition	Explosive Atmospheres — Part 20-1: Material Characteristics for Gas and Vapour Classification — Test Methods and Data
	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
506	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	ISA-60079-10-2 (12.10.05)	Explosive Atmospheres — Part 10-2: Classification of Areas — Combustible Dust Atmospheres

	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
511	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages
	NFPA 88A-2023	Standard for Parking Structures
512	ICC IFC	International Fire Code
	NFPA 1-2023	Fire Code
	NFPA 30-2024	Flammable and Combustible Liquids Code
	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 36-2025	Standard for Solvent Extraction Plants
	NFPA 58-2024	Liquefied Petroleum Gas Code
	NFPA 70B-2023	Standard for Electrical Equipment Maintenance
	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
513	NFPA 30-2024	Flammable and Combustible Liquids Code
	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 409-2022	Standard on Aircraft Hangars
514	NFPA 2-2023	Hydrogen Technologies Code
	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages
	NFPA 52-2023	Vehicular Natural Gas Fuel Systems Code
	NFPA 58-2024	Liquefied Petroleum Gas Code
	NFPA 59-2024	Utility LP-Gas Plant Code
	NFPA 303-2026	Fire Protection Standard for Marinas and Boatyards
515	NFPA 30-2024	Flammable and Combustible Liquids Code
516	NFPA 13-2025	Standard for the Installation of Sprinkler Systems
	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	NFPA 77-2024	Recommended Practice on Static Electricity
	NFPA 91-2026	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids
	NFPA 701-2023	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
517	UL 2800-1, third edition	Medical Device Interoperability
	UL 2900-2-1, first edition	Software Cybersecurity for Network-Connectable Products, Part 2-1: Particular Requirements for Network Connectable Components of Healthcare and Wellness Systems
620	UL 4, sixteenth ~~fifteenth~~ edition	Armored Cable
	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 66, third edition	Fixture Wire
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 1569, fifth edition	Metal-Clad Cables

625	UL 3001, first edition	Distributed Energy Generation and Storage Systems
630	UL 1276, third edition	Welding Cable
650	UL 1651, fourth edition	Optical Fiber Cable
660	UL 62, twentieth edition	Flexible Cords and Cables
	UL 817, thirteenth ~~twelfth~~ edition	Cord Sets and Power-Supply Cords
668	UL 4, sixteenth ~~fifteenth~~ edition	Armored Cable
	UL 62, twentieth edition	Flexible Cords and Cables
670	UL 1740, fourth edition	Robots and Robotic Equipment
	UL 2011, seventh edition	Machinery
	UL 3100, first edition	Automated Mobile Platforms (AMPs)
675	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 83A, first edition	Fluoropolymer Insulated Wire
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 1263, seventh ~~sixth~~ edition	Irrigation Cables
690	UL 3001, first edition	Distributed Energy Generation and Storage Systems
691	UL 3001, first edition	Distributed Energy Generation and Storage Systems
692	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 83A, first edition	Fluoropolymer Insulated Wire
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
694	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 83A, first edition	Fluoropolymer Insulated Wire
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
700	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	~~UL 3008, third edition~~	~~Automatic Interconnection Switches for Emergency Systems~~
701	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	~~UL 3008, third edition~~	~~Automatic Interconnection Switches for Emergency Systems~~
702	UL 3001, first edition	Distributed Energy Generation and Storage Systems
705	UL 2941, first edition	Cybersecurity of Distributed Energy and Inverter-Based Resources
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
706	UL 98C, second edition	Energy Storage System Switches
708	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure
	UL 2900-1, second edition	Software Cybersecurity for Network-Connectable Products, Part 1: General Requirements
710	UL 3001, first edition	Distributed Energy Generation and Storage Systems

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Informative Annex A Informational References

Informative Annex A is not a part of the requirements of this NFPA document but is included for informational purposes only.

A.1 Referenced Publications.

Table A.1(1), Table A.1(2), and Table A.1(3) provide a list of publications that are referenced in this code. These references are current at the time of publication. New publications or modifications to existing publications can occur at any time while this edition of the code is in effect.

Table A.1(1) provides a list of NFPA publications referenced in this code. Table A.1(2) provides a list of product safety standards used for product listing where that listing is required by this code. Table A.1(3) provides a list of other publications referenced in this code.

Table A.1(1) NFPA Standards Referenced in NEC

Standard Number	Standard Title	Current Edition	Extract Edition
1	Fire Code	2024	
2	Hydrogen Technologies Code	2023	
13	Standard for the Installation of Sprinkler Systems	2025	
13D	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	2025	
20	Standard for the Installation of Stationary Pumps for Fire Protection	2025	2025
30	Flammable and Combustible Liquids Code	2024	
30A	Code for Motor Fuel Dispensing Facilities and Repair Garages	2024	2024
32	Standard for Drycleaning Facilities	2021	
33	Standard for Spray Application Using Flammable or Combustible Materials	2024	2024
34	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids	2024	2024
35	Standard for the Manufacture of Organic Coatings	2021	
36	Standard for Solvent Extract Plants	2025	
37	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines	2024	
40	Standard for the Storage and Handling of Cellulose Nitrate Film	2025	
45	Standard on Protection for Laboratories Using Chemicals	2024	
52	Vehicular Natural Gas Fuel Systems Code	2026	
54	National Fuel Gas Code	2024	
55	Compressed Gases and Cryogenic Fluids Code	2026	
58	Liquified Petroleum Gas Code	2024	
59	Utility LP-Gas Plant Code	2024	
70	National Electrical Code®	2026	
70B	Standard for Electrical Equipment Maintenance	2023	
70E®	Standard for Electrical Safety in the Workplace®	2024	
72	National Fire Alarm and Signaling Code®	2025	
75	Standard for the Fire Protection of Information Technology Equipment	2024	2024
77	Recommended Practice on Static Electricity	2024	
79	Electrical Standard for Industrial Machinery	2024	2024
80	Standard for Fire Doors and Other Opening Protectives	2025	
88A	Standard for Parking Structures	2023	
90A	Standard for the Installation of Air-Conditioning and Ventilating Systems	2024	
90B	Standard for the Installation of Warm Air Heating and Air-Conditioning Systems	2024	

Standard Number	Standard Title	Current Edition	Extract Edition
91	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids	2026	
99	Health Care Facilities Code	2024	2024
101®	Life Safety Code®	2024	2024
110	Standard for Emergency and Standby Power Systems	2025	2025
111	Standard for Stored Electrical Energy Emergency and Standby Power Systems	2025	
220	Standard on Types of Building Construction	2024	
262	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces	2023	
303	Fire Protection Standard for Marinas and Boatyards	2026	2021
307	Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves	2021	2021
409	Standard on Aircraft Hangers	2022	
496	Standard for Purged and Pressurized Enclosures for Electrical Equipment	2024	
497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	
499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	2024
505	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	2024	
701	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films	2023	
730	Guide for Premises Security	2023	
780	Standard for the Installation of Lightning Protection Systems	2026	
790	Standard for the Competency of Third-Party Field Evaluation Bodies	2024	2024
820	Standard for Fire Protection in Wastewater Treatment and Collection Facilities	2024	
853	Standard for the Installation of Stationary Fuel Cell Power Systems	2025	
855	Standard for the Installation of Stationary Energy Storage Systems	2026	
1192	Standard on Recreational Vehicles	2026	2021
1660	Standard for Emergency, Continuity, and Crisis Management: Preparedness, Response, and Recovery	2024	
5000	Building Construction and Safety Code®	2024	

Table A.1(2) Product Safety Standards for Conductors and Equipment That Have an Associated Listing Requirement

Article	Standard Number	Standard Title
110	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies
	UL 305, sixth edition	Panic Hardware

Article	Standard Number	Standard Title
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
130	UL 916, fifth edition	Energy Management Equipment
	UL 3141, first edition	Power Control Systems
210	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	UL 943, fifth edition	Ground Fault Circuit Interrupters
	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters
225	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
230	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 67, thirteenth edition	Panelboards
	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 218, third edition	Fire Pump Controllers
	UL 231, tenth edition	Power Outlets
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 414, ninth edition	Meter Sockets
	UL 486A-486B, third edition	Wire Connectors

Article	Standard Number	Standard Title
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 508, eighteenth edition	Industrial Control Equipment
	UL 508A, third edition	Industrial Control Panels
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 845, sixth edition	Motor Control Centers
	UL 857, thirteenth edition	Busways
	UL 869A, fourth edition	Reference Standard for Service Equipment
	UL 891, twelfth edition	Switchboards
	UL 977, fifth edition	Fused Power-Circuit Devices
	UL 1008, ninth edition	Transfer Switch Equipment
	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	UL 1008S, first edition	Solid-State Transfer Switches
	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	UL 1062, third edition	Unit Substations
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1429, fourth edition	Pullout Switches
	UL 1449, fifth edition	Surge Protective Devices
	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 1740, fourth edition	Robots and Robotic Equipment
	UL 1953, seventh edition	Power Distribution Blocks
	UL 2011, seventh edition	Machinery
	UL 2200, third edition	Stationary Engine Generator Assemblies

Article	Standard Number	Standard Title
	UL 2416, first edition	Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems
	UL 2446, first edition	Unitary Boiler Room Systems
	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	UL 2735, first edition	Electric Utility Meters
	UL 2745, first edition	Meter Socket Adapters for Communications Equipment
	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
240	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements
	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	UL 248-3, second edition	Low-Voltage Fuses — Part 2: Class CA and CB Fuses
	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	UL 248-11, third edition	Low-Voltage Fuses — Part 11: Plug Fuses
	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses
	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures
	UL 489I, second edition	Solid State Molded-Case Circuit Breakers
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters

Article	Standard Number	Standard Title
	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
242	UL 1449, fifth edition	Surge Protective Devices
250	UL 1, eleventh edition	Flexible Metal Conduit
	UL 4, fifteenth edition	Armored Cable
	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 153, thirteenth edition	Portable Electric Luminaires
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 486A-486B, third edition	Wire Connectors
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1569, fifth edition	Metal-Clad Cables
	UL 1652, third edition	Flexible Metallic Tubing
270	UL 1, eleventh edition	Flexible Metal Conduit
	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel

Article	Standard Number	Standard Title
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 486A-486B, third edition	Wire Connectors
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1569, fifth edition	Metal-Clad Cables
300	UL 4, fifteenth edition	Armored Cable
	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 83A, first edition	Fluoropolymer Insulated Wire
	UL 263, fourteenth edition	Fire Tests of Building Construction and Materials
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	UL 1569, fifth edition	Metal-Clad Cables
	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	UL 2556, fifth edition	Wire and Cable Test Methods
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
310	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 83A, first edition	Fluoropolymer Insulated Wire

Article	Standard Number	Standard Title
	UL 83B, first edition	Switchboard and Switchgear Wires and Cables
	UL 224, seventh edition	Extruded Insulating Tubing
	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 854, twelfth edition	Service-Entrance Cables
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 1441, fifth edition	Coated Electrical Sleeving
	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
312	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 2808, first edition	Energy Monitoring Equipment
	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-030: Particular Requirements for Testing and Measuring Circuits
314	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498B, first edition	Receptacles with Integral Switching Means
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	UL 1953, seventh edition	Power Distribution Blocks

Article	Standard Number	Standard Title
315	ANSI C119.4	Electric Connectors — Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93ºC and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100ºC
	IEEE 48	IEEE Standard for Test Procedures and Requirements for Alternating-Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV
	IEEE 386	IEEE Standard for Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV
	IEEE 404	IEEE Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2.5 kV to 500 kV
	UL 4, fifteenth edition	Armored Cable
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 1072, fourth edition	Medium Voltage Power Cables
	UL 1569, fifth edition	Metal-Clad Cables
320	UL 4, fifteenth edition	Armored Cable
	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 1565, sixth edition	Positioning Devices
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
322	UL 486A-486B, third edition	Wire Connectors
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 514A, eleventh edition	Metallic Outlet Boxes
324	UL 486A-486B, third edition	Wire Connectors
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
330	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 1565, sixth edition	Positioning Devices
	UL 1569, fifth edition	Metal-Clad Cables
	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable

Article	Standard Number	Standard Title
332	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
334	UL 719, thirteenth edition	Nonmetallic-Sheathed Cables
	UL 2256, first edition	Nonmetallic Sheathed Cable Interconnects
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
335	UL 2250, third edition	Instrumentation Tray Cable
336	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members
	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
337	UL 1309A, first edition	Cable for Use in Mobile Installations
338	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 854, twelfth edition	Service-Entrance Cables
340	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
342	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
344	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
348	UL 1, eleventh edition	Flexible Metal Conduit
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
350	UL 360, seventh edition	Liquid-Tight Flexible Steel Conduit
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
352	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
353	UL 651A, sixth edition	High Density Polyethylene (HDPE) Conduit

Article	Standard Number	Standard Title
354	UL 1990, fourth edition	Nonmetallic Underground HDPE Conduit with Conductors
355	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2515A, first edition	Supplemental Requirements for Extra-Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
356	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
358	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
360	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 1652, third edition	Flexible Metallic Tubing
362	UL 1653, third edition	Electrical Nonmetallic Tubing
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
366	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings
368	UL 509, second edition	Bus Drop Cable
370	ANSI/CSA C22.2 No. 273	Cablebus
371	UL 1386, first edition	Flexible Bus Systems
	UL 1387, first edition	Flexible Insulated Bus
374	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
376	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings
	UL 1953, seventh edition	Power Distribution Blocks
378	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings
382	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	UL183, fourth edition	Manufactured Wiring Systems

Article	Standard Number	Standard Title
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 498M, first edition	Marine Shore Power Inlets
	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 991, third edition	Tests for Safety-Related Controls Employing Solid-State Devices
	UL 1077, seventh edition	Supplementary Protectors for Use in Electrical Equipment
	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	UL 1998, third edition	Software in Programmable Components
384	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
386	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
388	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
392	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
393	UL 13, fourth edition	Power-Limited Circuit Cables
	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 1310, seventh edition	Class 2 Power Units
	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	UL 2577, first edition	Suspended Ceiling Power Grid Systems and Equipment
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
396	UL 1072, fourth edition	Medium-Voltage Power Cables

Article	Standard Number	Standard Title
404	ANSI/NEMA WD 6–2016	Wiring Devices — Dimensional Specifications
	UL 20, fourteenth edition	General-Use Snap Switches
	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 98A, second edition	Open-Type Switches
	UL 363, eleventh edition	Knife Switches
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 773, fifth edition	Plug-In Locking Type Photocontrols for Use with Area Lighting
	UL 773A, sixth edition	Nonindustrial Photoelectric Switches for Lighting Control
	UL 917, fifth edition	Clock-Operated Switches
	UL 977, fifth edition	Fused Power-Circuit Devices
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 1472, second edition	Solid-State Dimming Controls
	UL 1429, fourth edition	Pullout Switches
	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	UL 60730-2-7, third edition	Automatic Electrical Controls — Part 2–7: Particular Requirements for Timers and Time Switches
406	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498B, first edition	Receptacles with Integral Switching Means
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 498M, first edition	Marine Shore Power Inlets
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 943B, third edition	Appliance Leakage-Current Interrupters
	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	UL 970, first edition	Retail Fixtures and Merchandise Displays

Article	Standard Number	Standard Title
	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	UL 1286, sixth edition	Office Furnishings Systems
	UL 1310, seventh edition	Class 2 Power Units
	UL 1682, fifth edition	Plugs, Receptacles, and Cable Connectors, of the Pin and Sleeve Type
	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters
		See 406.4(D)(4)(1)
	UL 2999, first edition	Individual Commercial Office Furnishings
408	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 67, thirteenth edition	Panelboards
	UL 891, twelfth edition	Switchboards
	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
409	UL 508, eighteenth edition	Industrial Control Equipment
	UL 508A, third edition	Industrial Control Panels
410	ANSI/CSA-C22.2 No. 184.2	Solid-State Controls for Lighting Systems (SSCLS)
	UL 153, thirteenth edition	Portable Electric Luminaires
	UL 496, fourteenth edition	Lampholders
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498B, first edition	Receptacles with Integral Switching Means
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 542, ninth edition	Fluorescent Lamp Starters
	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters

Article	Standard Number	Standard Title
	UL 970, first edition	Retail Fixtures and Merchandising Displays
	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	UL 1029A, first edition	Ignitors and Related Auxiliaries for HID Lamp Ballasts
	UL 1574, third edition	Track Lighting Systems
	UL 1598, fifth edition	Luminaires
	UL 1598B, first edition	Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires, Supplemental Requirements
	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
	UL 1993, sixth edition	Self-Ballasted Lamps and Lamp Adapters
	UL 2388, second edition	Flexible Lighting Products
	UL 8750, second edition	Light Emitting Diode (LED) Equipment for Use in Lighting Products
	UL 8752, second edition	Organic Light Emitting Diode (OLED) Panels
	UL 8753, second edition	Field-Replaceable Light Emitting Diode (LED) Light Engines
	UL 8754, second edition	Holders, Bases and Connectors for Solid-State (LED) Light Engines and Arrays
	UL 8800, first edition	Horticultural Lighting Equipment and Systems
	UL 8802, first edition	Ultraviolet (UV) Germicidal Equipment and Systems
	UL 8803, first edition	Portable UV Germicidal Equipment With Uncontained UV Sources
411	UL 1310, seventh edition	Class 2 Power Units
	UL 1838, third edition	Low-Voltage Landscape Lighting Systems
	UL 2108, second edition	Low-Voltage Lighting Systems
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
422	ANSI/CSA-C22.2 No. 339	Hand-held motor-operated electric tools — Safety — Particular requirements for chain beam saws
	UL 22, sixth edition	Amusement and Gaming Machines
	UL 73, tenth edition	Motor-Operated Appliances
	UL 82, ninth edition	Electric Gardening Appliances
	UL 122, fifth edition	Photographic Equipment
	UL 141, ninth edition	Garment Finishing Appliances
	UL 174, eleventh edition	Household Electric Storage Tank Water Heaters
	UL 197, tenth edition	Commercial Electric Cooking Appliances

Article	Standard Number	Standard Title
	UL 283, third edition	Air Fresheners and Deodorizers
	UL 325, seventh edition	Door, Drapery, Gate, Louver, and Window Operators and Systems
	UL 399, eighth edition	Drinking Water Coolers
	UL 430, eighth edition	Waste Disposers
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 499, fourteenth edition	Electric Heating Appliances
	UL 507, tenth edition	Electric Fans
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications
	UL 561, seventh edition	Floor Finishing Machines
	UL 574, eighth edition	Electric Oil Heaters
	UL 621, seventh edition	Ice Cream Makers
	UL 705, seventh edition	Power Ventilators
	UL 710B, second edition	Recirculating Systems
	UL 749, twelfth edition	Household Dishwashers
	UL 751, ninth edition	Vending Machines
	UL 763, fifth edition	Motor-Operated Commercial Food Preparing Machines
	UL 778, sixth edition	Motor-Operated Water Pumps
	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
	UL 858, sixteenth edition	Household Electric Ranges
	UL 859, eleventh edition	Household Electric Personal Grooming Appliances
	UL 875, tenth edition	Electric Dry-Bath Heaters
	UL 921, eighth edition	Commercial Dishwashers
	UL 923, seventh edition	Microwave Cooking Appliances

Article	Standard Number	Standard Title
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 962, fifth edition	Household and Commercial Furnishings
	UL 962A, sixth edition	Furniture Power Distribution Units
	UL 979, second edition	Water Treatment Appliances
	UL 982, eighth edition	Motor-Operated Household Food Preparing Machines
	UL 987, eighth edition	Stationary and Fixed Electric Tools
	UL 1017, tenth edition	Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines
	UL 1026, sixth edition	Household Electric Cooking and Food Serving Appliances
	UL 1086, sixth edition	Household Trash Compactors
	UL 1090, seventh edition	Electric Snow Movers
	UL 1206, fourth edition	Electric Commercial Clothes-Washing Equipment
	UL 1240, fourth edition	Electric Commercial Clothes-Drying Equipment
	UL 1278, fourth edition	Movable and Wall- or Ceiling-Hung Electric Room Heaters
	UL 1447, sixth edition	Electric Lawn Mowers
	UL 1450, fourth edition	Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment
	UL 1453, sixth edition	Electric Booster and Commercial Storage Tank Water Heaters
	UL 1576, second edition	Flashlights and Lanterns
	UL 1594, fourth edition	Sewing and Cutting Machines
	UL 1647, sixth edition	Motor-Operated Massage and Exercise Machines
	UL 1727, fifth edition	Commercial Electric Personal Grooming Appliances
	UL 1776, third edition	High-Pressure Cleaning Machines
	UL 2157, fourth edition	Electric Clothes Washing Machines and Extractors
	UL 2158, sixth edition	Electric Clothes Dryers
	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	UL 60335-2-3, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-3: Particular Requirements for Electric Irons
	UL 60335-2-8, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-8: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances

Article	Standard Number	Standard Title
	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances, and Ice-Makers
	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	UL 60335-2-67, second edition	Household and Similar Electrical Appliances — Safety — Part 2-67: Particular Requirements for Floor Treatment Machines, For Commercial Use
	UL 60335-2-68, first edition	Household and Similar Electrical Appliances — Safety — Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use
	UL 60335-2-79, first edition	Household and Similar Electrical Appliances — Safety — Part 2-79: Particular Requirements for High Pressure Cleaners and Steam Cleaners
	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
	UL 60745-1, fourth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 1: General Requirements
	UL 60745-2-1, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-1: Particular Requirements for Drills and Impact Drills
	UL 60745-2-2, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches
	UL 60745-2-3, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-3: Particular Requirements for Grinders, Polishers, and Disk-Type Sanders
	UL 60745-2-4, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type
	UL 60745-2-5, fifth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-5: Particular Requirements for Circular Saws
	UL 60745-2-6, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-6: Particular Requirements for Hammers
	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements for Shears and Nibblers
	UL 60745-2-9, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-9: Particular Requirements for Tappers
	UL 60745-2-11, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-11: Particular Requirements for Reciprocating Saws
	UL 60745-2-12, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-12: Particular Requirements For Concrete Vibrators
	UL 60745-2-13, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-13: Particular Requirements For Chain Saws
	UL 60745-2-14, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-14: Particular Requirements for Planers
	UL 60745-2-15, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-15: Particular Requirements for Hedge Trimmers
	UL 60745-2-16, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-16: Particular Requirements for Tackers
	UL 60745-2-17, third edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-17: Particular Requirements for Routers and Trimmers
	UL 60745-2-18, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-18: Particular Requirements For Strapping Tools

Article	Standard Number	Standard Title
	UL 60745-2-19, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-19: Particular Requirements for Jointers
	UL 60745-2-20, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-20: Particular Requirements for Band Saws
	UL 60745-2-21, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-21: Particular Requirements For Drain Cleaners
	UL 60745-2-22, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-22: Particular Requirements for Cut-Off Machines
	UL 60745-2-23, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-23: Particular Requirements for Die Grinders and Small Rotary Tools
	UL 62841-1, first edition	Electric Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
	UL 62841-2-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	UL 62841-2-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-2: Particular Requirements For Hand-Held Screwdrivers And Impact Wrenches
	UL 62841-2-3, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Disk-Type Polishers, and Disk-Type Sanders
	UL 62841-2-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	UL 62841-2-5, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	UL 62841-2-8, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders
	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular

Article	Standard Number	Standard Title
		Requirements for Transportable Bench Grinders
	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws
	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10: Particular Requirements for Transportable Cut-Off Machines
	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular Requirements for Transportable Threading Machines
	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13: Particular Requirements For Transportable Drills
	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular Requirements for Transportable Drain Cleaners
	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
424	UL 499, fourteenth edition	Electric Heating Appliances
	UL 1042, fifth edition	Electric Baseboard Heating Equipment
	UL 1673, third edition	Electric Space Heating Cables
	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	UL 1995, fifth edition	Heating and Cooling Equipment
	UL 1996, fourth edition	Electric Duct Heaters
	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
	UL 2683, first edition	Electric Heating Products for Floor and Ceiling Installation
425	UL 508, eighteenth edition	Industrial Control Equipment
	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
426	IEEE 515	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications

Article	Standard Number	Standard Title
	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units
	UL 2049, fourth edition	Residential Pipe Heating Cable
427	IEEE 515-2017	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications
	UL 515, second edition	Electrical Resistance Trace Heat for Commercial Applications
	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 4, fifteenth edition	Armored Cable
	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 508, eighteenth edition	Industrial Control Equipment
	UL 705, seventh edition	Power Ventilators
	UL 745-1, second edition	Portable Electric Tools
	UL 845, sixth edition	Motor Control Centers
	UL 987, eighth edition	Stationary and Fixed Electric Tools
	UL 1004-1, second edition	Rotating Electrical Machines — General Requirements
	UL 1004-2, second edition	Impedance Protected Motors
	UL 1004-3, second edition	Thermally Protected Motors
	UL 1004-6, second edition	Servo and Stepper Motors
	UL 1004-7, third edition	Electronically Protected Motors
	UL 1004-8, second edition	Inverter Duty Motors
	UL 1004-9, first edition	Form Wound and Medium Voltage Rotating Electrical Machines
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 1569, fifth edition	Metal Clad Cables
	UL 1812, fourth edition	Ducted Heat Recovery Ventilators
	UL 1815, fifth edition	Nonducted Heat Recovery Ventilators
	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	UL 60034-1, third edition	Rotating Electrical Machines — Part 1: Rating and Performance

Article	Standard Number	Standard Title
	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	UL 60730-2-22, first edition	Automatic Electrical Controls — Part 2-22: Particular Requirements for Thermal Motor Protectors
	UL 60745-1, fourth edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
	UL 60745-2-1, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	UL 60745-2-2, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-2: Particular Requirements For Screwdrivers And Impact Wrenches
	UL 60745-2-3, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Polishers, and Disk-Type Sanders
	UL 60745-2-4, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	UL 60745-2-5, fifth edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	UL 60947-5-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-1: Control Circuit Devices and Switching Elements — Electromechanical Control Circuit Devices
	UL 60947-5-2, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-2: Control Circuit Devices and Switching Elements — Proximity Switches
	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders
	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular

Article	Standard Number	Standard Title
		Requirements For Hand-Held Drain Cleaners
	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws
	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10: Particular requirements for Transportable Cut-Off Machines
	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular requirements for Transportable Threading Machines
	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13: Particular Requirements For Transportable Drills
	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular requirements for Transportable Drain Cleaners
	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
440	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 416, fourth edition	Refrigerated Medical Equipment
	UL 484, ninth edition	Room Air Conditioners
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 508, eighteenth edition	Industrial Control Equipment
	UL 541, ninth edition	Refrigerated Vending Machines
	UL 563, eighth edition	Ice Makers
	UL 1429, fourth edition	Pullout Switches

Article	Standard Number	Standard Title
	UL 1995, fifth edition	Heating and Cooling Equipment
	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers
	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	UL 60335-2-89, second edition	Household and Similar Electrical Appliances — Safety — Part 2-89: Particular Requirements for Commercial Refrigerating Appliances and Ice Makers with an Incorporated or Remote Refrigerant Unit or Compressor
	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	UL 61800-5-2, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-2: Safety Requirements — Functional
445	UL 508, eighteenth edition	Industrial Control Equipment
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	UL 1004-4, third edition	Electric Generators
	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	UL 2200, third edition	Stationary Engine Generator Assemblies
450	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies
	UL 305, sixth edition	Panic Hardware
	UL 340, sixth edition	Tests for Comparative Flammability of Liquids
	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
480	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies
	UL 305, sixth edition	Panic Hardware
	UL 1642, sixth edition	Lithium Batteries
	UL 1973, third edition	Batteries for Use in Stationary and Motive Auxiliary Power Applications
	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	UL 2054, third edition	Household and Commercial Batteries
	UL 4127, second edition	Low Voltage Battery Cable

Article	Standard Number	Standard Title
	UL 4128, fifth edition	Intercell and Intertier Connectors for use in Electrochemical Battery System Applications
495	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15kV
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
500	FM 121303	Guide for Use of Detectors for Flammable Gases
	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified)
	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations
	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations
	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	UL 2225, fifth edition	Cable and Cable Fittings for Use in Hazardous (Classified) Locations
	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation.
	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements

Article	Standard Number	Standard Title
	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
501	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	UL 1072, fourth edition	Medium-Voltage Power Cables
	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members
	UL 1309A, first edition	Cable for Use in Mobile Installations
	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

Article	Standard Number	Standard Title
	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
502	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	UL 1309A, first edition	Cable for Use in Mobile Installations
	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
503	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
504	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations

Article	Standard Number	Standard Title
	UL 120202, first edition	Recommendations for the Preparation, Content, and Organization of Intrinsic Safety Control Drawings
505	FM 121303	Guide for Use of Detectors for Flammable Gases
	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	UL 1309A, first edition	Cable for Use in Mobile Installations
	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	UL 60079-1, seventh edition	Explosive Atmospheres — Part 1: Equipment Protection by Flameproof Enclosures “d”
	UL 60079-2, sixth edition	Explosive Atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	UL 60079-5, fourth edition	Explosive Atmospheres — Part 5: Type of Equipment Protectionby Powder Filling
	UL 60079-6, fourth edition	Explosive Atmospheres — Part 6: Equipment Protection by Liquid Immersion “o”
	UL 60079-7, fifth edition	Explosive Atmospheres — Part 7: Equipment Protection by Increased Safety “e”
	UL 60079-10-1, first edition	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive Gas Atmospheres
	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety “i”
	UL 60079-13, second edition	Explosive Atmospheres — Part 13: Equipment Protection by Pressurized Room “p” and Artificially Ventilated Room “v”
	UL 60079-15, fifth edition	Explosive Atmospheres — Part 15: Equipment Protection by Type of Protection “n”
	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	UL 60079-26, third edition	Explosive Atmospheres — Part 26: Equipment with Equipment Protection Level (EPL) Ga
	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies

Article	Standard Number	Standard Title
	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b”, Liquid Immersion “k”
	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
506	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	UL 60079-2, sixth edition	Explosive atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety "i"
	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	UL 60079-31, second edition	Explosive Atmospheres — Part 31: Equipment Dust Ignition Protection by Enclosure “t”
	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	UL 62784, first edition	Vacuum Cleaners and Dust Extractors Providing Equipment Protection Level Dc for the Collection of Combustible Dusts — Particular Requirements
	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b“, Liquid Immersion “k”
512	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations
516	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids

Article	Standard Number	Standard Title
	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
517	AAMI ES 60601-1	Medical electrical equipment — Part 1: General requirements for basic safety and essential performance
	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 1022, fifth edition	Line Isolation Monitors
	UL 1047, sixth edition	Isolated Power Systems Equipment
	UL 1286, sixth edition	Office Furnishing Systems
	UL 2930, first edition	Cord-and-Plug-connected Health Care Facility Outlet Assemblies
	UL 60601-1, first edition	Medical Electrical Equipment — Part 1: General Requirements for Safety
	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
518	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	UL 2305, first edition	Exhibition Display Units, Fabrication and Installation
520	UL 62, twentieth edition	Flexible Cords and Cables
	UL 334, second edition	Theater Lighting Distribution and Control Equipment
	UL 498, sixteenth edition	Attachment Plugs and Receptacles

Article	Standard Number	Standard Title
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 891, twelfth edition	Switchboards
	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	UL 1640, fourth edition	Portable Power-Distribution Equipment
	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
522	UL 13, fourth edition	Power-Limited Circuit Cables
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 2250, third edition	Instrumentation Tray Cable
525	UL 62, twentieth edition	Flexible Cords and Cables
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
530	UL 62, twentieth edition	Flexible Cords and Cables
	UL 1479-2-15, fourth edition	Fire Tests of Penetration Firestops
	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	UL 1680, second edition	Stage and Lighting Cables
	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
540	UL 67, thirteenth edition	Panelboards
	UL 943, fifth edition	Ground-Fault Circuit Interrupters
	UL 1640, fourth edition	Portable Power-Distribution Equipment
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
545	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings

Article	Standard Number	Standard Title
	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	UL 20, fourteenth edition	General Use Snap Switches
	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
547	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 1598, fifth edition	Luminaires
	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
550	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 307A, ninth edition	Liquid Fuel-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	UL 307B, fifth edition	Gas-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 467, eleventh edition	Grounding and Bonding Equipment

Article	Standard Number	Standard Title
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	UL 1598, fifth edition	Luminaires
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 2108, second edition	Low-Voltage Lighting Systems
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
551	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 231, tenth edition	Power Outlets
	UL 234, fifth edition	Low Voltage Lighting Fixtures for use in Recreational Vehicles
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers

Article	Standard Number	Standard Title
	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 1004-4, third edition	Electric Generators
	UL 1008, ninth edition	Transfer Switch Equipment
	UL 1008M, first edition	Transfer Switch Equipment, Meter Mounted
	UL 1008S, first edition	Solid-State Transfer Switches
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1449, fifth edition	Surge Protective Devices
	UL 1598, fifth edition	Luminaires
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 2200, third edition	Stationary Engine Generator Assemblies
	UL 2299, first edition	Ground Monitor Interrupters
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
552	SAE J1128-2015	Low Voltage Primary Cable, for Types GXL, HDT, and SXL
	SAE J1127-2015	Low Voltage Battery Cable, for Types SGT and SGR
	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 67, thirteenth edition	Panelboards
	UL 231, tenth edition	Power Outlets
	UL 234, fifth edition	Low Voltage Lighting Fixtures for Use in Recreational Vehicles
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit

Article	Standard Number	Standard Title
	UL 430, eighth edition	Waste Disposers
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 916, fifth edition	Energy Management Equipment
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 1004-4, third edition	Electric Generators
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	UL 1598, fifth edition	Luminaires
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 2108, second edition	Low Voltage Lighting Systems
	UL 2200, third edition	Stationary Engine Generator Assemblies
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
555	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 231, tenth edition	Power Outlets
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	UL 1399, first edition	Leakage Current Measurement Devices for Use in Marina Applications
	UL 1650, first edition	Portable Power Cable

Article	Standard Number	Standard Title
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
590	UL 496, fourteenth edition	Lampholders
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 1088, seventh edition	Temporary Lighting Strings
	UL 1377, first edition	Wire used in Low Voltage Seasonal Lighting Products In Circuits With a Maximum Available Power of 15W
	UL 1640, fourth edition	Portable Power-Distribution Equipment
600	UL 1, eleventh edition	Flexible Metal Conduit
	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	UL 13, fourth edition	Power-Limited Circuit Cables
	UL 48, fifteenth edition	Electric Signs
	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems
	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	UL 814, twelfth edition	Gas-Tube-Sign Cable
	UL 879, ninth edition	Electric Sign Components
	UL 879A, first edition	LED Sign and Sign Retrofit Kits
	UL 879B, first edition	Polymeric Enclosure Systems for the Splice Between Neon Tubing Electrode Leads and GTO Cable, and the GTO Cable Leading to the Splice
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters

Article	Standard Number	Standard Title
	UL 1310, seventh edition	Class 2 Power Units
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	UL 2161, second edition	Neon Transformers and Power Supplies
	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	UL 3003, first edition	Distributed Generation Cables
	UL 3703, first edition	Solar Trackers
	UL 4703, first edition	Photovoltaic Wire
	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	UL 9703, third edition	Distributed Generation Wiring Harnesses
	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements For Construction
	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements For Testing
	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: Particular Requirements for Inverters
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
604	UL 1, eleventh edition	Flexible Metal Conduit
	UL 4, fifteenth edition	Armored Cable
	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits

Article	Standard Number	Standard Title
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 183, fourth edition	Manufactured Wiring Systems
	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	UL 857, thirteenth edition	Busways
	UL 1569, fifth edition	Metal-Clad Cables
	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
605	UL 962, fifth edition	Household and Commercial Furnishings
	UL 962A, sixth edition	Furniture Power Distribution Units
	UL 1286, sixth edition	Office Furnishings Systems
	UL 1310, seventh edition	Class 2 Power Units
	UL 2999, first edition	Individual Commercial Office Furnishings
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
610	UL 62, twentieth edition	Flexible Cords and Cables
	UL 2273, second edition	Festoon Cable
620	UL 62, twentieth edition	Flexible Cords and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 104, twelfth edition	Elevator Door Locking Devices and Contacts
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 508, eighteenth edition	Industrial Control Equipment
	UL 508A, third edition	Industrial Control Panels
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures

Article	Standard Number	Standard Title
	UL 1310, seventh edition	Class 2 Power Units
	UL 1449, fifth edition	Surge Protective Devices
	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	UL 2556, fifth edition	Wire and Cable Test Methods
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
624	UL 9741A	Onboard Electric Vehicle Power Export and Import Equipment
625	UL 62, twentieth edition	Flexible Cords and Cables
	UL 1650, first edition	Portable Power Cable
	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	UL 2202, third edition	DC Charging Equipment for Electric Vehicles
	UL 2231-1, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 1: General Requirements
	UL 2231-2, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 2: Particular Requirements for Protection Devices for Use in Charging Systems
	UL 2251-, fourth edition	Plugs, Receptacles and Couplers for Electrical Vehicles
	UL 2580, third edition	Batteries for Use in Electric Vehicles
	UL 2594, third edition	Electric Vehicle Supply Equipment
	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
626	UL 62, twentieth edition	Flexible Cords and Cables
	UL 231, tenth edition	Power Outlets
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 1651, fourth edition	Optical Fiber Cable
	UL 1686, fifth edition	Pin and Sleeve Configurations

Article	Standard Number	Standard Title
630	UL 551, eighth edition	Transformer-Type Arc-Welding Machines
640	UL 13, fourth edition	Power-Limited Circuit Cables
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 813, seventh edition	Commercial Audio Equipment
	UL 1310, seventh edition	Class 2 Power Units
	UL 1419, fourth edition	Professional Video and Audio Equipment
	UL 1492, second edition	Audio-Video Products and Accessories
	UL 1711, fourth edition	Amplifiers for Fire Protective Signaling Systems
	UL 2269, fourth edition	Optical Fiber/Communications/Signaling/Coaxial Cable Outlet Boxes
	UL 6500, second edition	Audio/Video and Musical Instrument Apparatus for Household, Commercial, and Similar General Use
	UL 60065, eighth edition	Audio, Video and Similar Electronic Apparatus — Safety Requirements
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
645	UL 38, eighth edition	Manual Signaling Boxes for Fire Alarm Systems
	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems
	UL 444, fifth edition	Communications Cables
	UL 464, eleventh edition	Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	UL 497B, fourth edition	Protectors for Data Communications and Fire Alarm Circuits
	UL 833, first edition	Control Units and Accessories for Fire Alarm Systems
	UL 864, eleventh edition	Control Units and Accessories for Fire Alarm Systems
	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	UL 1425, third edition	Cables for Non-Power-Limited Fire-Alarm Circuits
	UL 1449, fifth edition	Surge Protective Devices
	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories
	UL 1638, sixth edition	Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	UL 1651, fourth edition	Optical Fiber Cable
	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	UL 1690, fourth edition	Data-Processing Cable

Article	Standard Number	Standard Title
	UL 1778, fifth edition	Uninterruptible Power Systems
	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	UL 60950-1, second edition	Information Technology Equipment — Safety — Part 1: General Requirements
	UL 60950-21, first edition	Information Technology Equipment — Safety — Part 21: Remote Power Feeding
	UL 60950-22, second edition	Information Technology Equipment — Safety — Part 22: Equipment to be Installed Outdoors
	UL 60950-23, first edition	Information Technology Equipment — Safety — Part 23: Large Data Storage Equipment
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
646	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 67, thirteenth edition	Panelboards
	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 305, sixth edition	Panic Hardware
	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 508, eighteenth edition	Industrial Control Equipment
	UL 508A, third edition	Industrial Control Panels
	UL 845, sixth edition	Motor Control Centers
	UL 869A, fourth edition	Reference Standard for Service Equipment
	UL 891, twelfth edition	Switchboards
	UL 924, tenth edition	Emergency Lighting and Power Equipment
	UL 977, fifth edition	Fused Power-Circuit Devices
	UL 1008, ninth edition	Transfer Switch Equipment
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	UL 1008S, first edition	Solid-State Transfer Switches
	UL 1062, third edition	Unit Substations

Article	Standard Number	Standard Title
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 1429, fourth edition	Pullout Switches
	UL 1449, fifth edition	Surge Protective Devices
	UL 1655, second edition	Community-Antenna Television Cables
	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	UL 2755, second edition	Modular Data Centers
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
647	UL 1598, fifth edition	Luminaires
650	UL 1310, seventh edition	Class 2 Power Units
	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
670	ANSI/CSA-C22.2 No. 19085-1	Woodworking machines — Safety — Part 1: Common requirements
	UL 508, eighteenth edition	Industrial Control Equipment
	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
675	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
680	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 20, fourteenth edition	General Use Snap-Switches
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 379, first edition	Power Units for Fountain, Swimming Pool, and Spa Luminaires
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings

Article	Standard Number	Standard Title
	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	UL 676A, third edition	Potting Compounds for Swimming Pool, Fountain, and Spa Equipment
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	UL 1004-10, first edition	Pool Pump Motors
	UL 1081, seventh edition	Swimming Pool Pumps, Filters, and Chlorinators
	UL 1241, seventh edition	Junction Boxes for Swimming Pool Luminaires
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1261, sixth edition	Electric Water Heaters for Pools and Tubs
	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	UL 1569, fifth edition	Metal-Clad Cables
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 1795, fifth edition	Hydromassage Bathtubs
	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2452, first edition	Electric Swimming Pool and Spa Cover Operators
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2995, first edition	Lifts for Swimming Pools and Spas
	UL 60335-2-1000, first edition	Household and Similar Electrical Appliances: Particular Requirements for Electrically Powered Pool Lifts
682	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	UL 1650, first edition	Portable Power Cable
	UL 1838, third edition	Low Voltage Landscape Lighting Systems
690	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems
	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	UL 467, eleventh edition	Grounding and Bonding Equipment

Article	Standard Number	Standard Title
	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	UL 1569, fifth edition	Metal-Clad Cables
	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	UL 1703, third edition	Flat-Plate Photovoltaic Modules and Panels
	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources
	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	UL 3003, first edition	Distributed Generation Cables
	UL 3703, first edition	Solar Trackers
	UL 3730, first edition	Photovoltaic Junction Boxes
	UL 3741, first edition	Photovoltaic Hazard Control
	UL 4703, first edition	Photovoltaic Wire
	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	UL 9703, third edition	Distributed Generation Wiring Harnesses
	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements for Construction
	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements for Testing
	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
692	UL 2262, second edition	Fuel Cell Modules for Use in Portable and Stationary Equipment

Article	Standard Number	Standard Title
	UL 2262A, second edition	Borohydride Fuel Cartridges with Integral Fuel Processing for Use with Portable Fuel Cell Power Systems or Similar Equipment
	UL 2265, first edition	Fuel Cell Power Units and Fuel Storage Containers for Portable Devices
	UL 2265C, first edition	Hand-Held or Hand-Transportable Alkaline (Direct Borohydride) Fuel Cell Power Units and Borohydride Fuel Cartridges For Use With Consumer Electronics or Information Technology Equipment
	UL 2266, first edition	Electromagnetic Compatibility, Electrical Safety, and Physical Protection of Stationary and Portable Fuel Cell Power Systems for Use with Commercial Network Telecommunications Equipment
	UL 2267, third edition	Fuel Cell Power Systems for Installation in Industrial Electric Trucks
694	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 489C, first edition	Molded-Case Circuit Breakers and Molded-Case Switches for Use with Wind Turbines
	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	UL 2277, fifth edition	Flexible Motor Supply Cable and Wind Turbine Tray Cable
	UL 2736, first edition	Single Pole Separable Interconnecting Cable Connectors for Use with Wind Turbine Generating Systems
	UL 4143, first edition	Wind Turbine Generator — Life Time Extension (LTE)
	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	UL 6142, first edition	Small Wind Turbine Systems
695	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 218, third edition	Fire Pump Controllers
	UL 448, twelfth edition	Centrifugal Stationary Pumps for Fire-Protection Service
	UL 448B, second edition	Residential Fire Pumps Intended for One- and Two-Family Dwellings and Manufactured Homes
	UL 448C, second edition	Stationary, Rotary-Type, Positive-Displacement Pumps for Fire Protection Service
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 1004-5, second edition	Fire Pump Motors
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1569, fifth edition	Metal-Clad Cables
	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables

Article	Standard Number	Standard Title
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
700	UL 924, tenth edition	Emergency Lighting and Power Equipment
	UL 1008, ninth edition	Transfer Switch Equipment
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	UL 1449, fifth edition	Surge Protective Devices
	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	UL 2200, third edition	Stationary Engine Generator Assemblies
701	UL 924, tenth edition	Emergency Lighting and Power Equipment
	UL 1008, ninth edition	Transfer Switch Equipment
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
702	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 1008, ninth edition	Transfer Switch Equipment
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	UL 1008S, first edition	Solid-State Transfer Switches
705	UL 62, twentieth edition	Flexible Cords and Cables
	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	UL 486D, seventh edition	Sealed Wire Connector Systems
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 1429, fourth edition	Pullout Switches
	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	UL 2200, third edition	Stationary Engine Generator Assemblies
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	UL 3003, first edition	Distributed Generation Cables

Article	Standard Number	Standard Title
	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	UL 6142, first edition	Small Wind Turbine Systems
	UL 9540, third edition	Energy Storage Systems and Equipment
	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
706	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses
	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 489H, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures, for Use with Direct Current (DC) Microgrids
	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	UL 9540, third edition	Energy Storage Systems and Equipment
708	UL 1, eleventh edition	Flexible Metal Conduit
	UL 4, fifteenth edition	Armored Cable
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables

Article	Standard Number	Standard Title
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	UL 497A, third edition	Secondary Protectors for Communications Circuits
	UL 1008, ninth edition	Transfer Switch Equipment
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	UL 1008S, first edition	Solid-State Transfer Switches
	UL 1569, fifth edition	Metal-Clad Cables
	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
710	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	UL 2200, third edition	Stationary Engine Generator Assemblies
	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	UL 9540, third edition	Energy Storage Systems and Equipment
	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	UL 62109-1, first edition	Power Converters for use in Photovoltaic Power Systems — Part 1: General Requirements
	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
722	UL 13, fourth edition	Power-Limited Circuit Cables
	UL 444, fifth edition	Communications Cables
	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	UL 1651, fourth edition	Optical Fiber Cable
	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke- Release Test for Electrical and Optical-Fiber Cables
	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	UL 2044, fourth edition	Commercial Closed-Circuit Television Equipment
	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	UL 2556, fifth edition	Wire and Cable Test Methods

Article	Standard Number	Standard Title
725	UL 1310, seventh edition	Class 2 Power Units
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	UL 9990, first edition	Information and Communication Technology (ICT) Power Cables
	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	UL 61010-2-201, second edition	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-201: Particular Requirements for Control Equipment
	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
726	UL 1400-1, first edition	Fault-Managed Power Systems — 1 General Requirements
	UL 1400-2, first edition	Fault-Managed Power Systems — 2 Requirements for Cables
	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	UL 2556, fifth edition	Wire and Cable Test Methods
728	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	UL 568, first edition	Nonmetallic Cable Tray Systems
	UL 884, thirteenth edition	Underfloor Raceways and Fittings
	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
750	UL 467, eleventh edition	Grounding and Bonding Equipment

Article	Standard Number	Standard Title
	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	UL 497A, third edition	Secondary Protectors for Communication Circuits
	UL 497B, fourth edition	Protectors for Data Communications and Fire-Alarm Circuits
	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
760	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems
	UL 268A, fourth edition	Smoke Detectors for Duct Application
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 497B, fourth edition	Protectors for Data Communication and Fire Alarm Circuits
	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	UL 1425, third edition	Cables for Non–Power-Limited Fire-Alarm Circuits
	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories
	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
800	UL 444, fifth edition	Communications Cables
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 489A, first edition	Circuit Breakers for Use in Communication Equipment
	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	UL 497A, third edition	Secondary Protectors for Communications Circuits
	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	UL 498A, second edition	Current Taps and Adapters
	UL 523, second edition	Telephone Service Drop Wire
	UL 568, first edition	Nonmetallic Cable Tray Systems
	UL 723, eleventh edition	Test for Surface Burning Characteristics of Building Materials

Article	Standard Number	Standard Title
	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	UL 1863, fourth edition	Communication-Circuit Accessories
	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	UL 2556, fifth edition	Wire and Cable Test Methods
	UL 60950-1, second edition	Information Technology Equipment
	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
810	UL 150, fourth edition	Antenna Rotators
	UL 452, seventh edition	Antenna-Discharge Units
	UL 467, eleventh edition	Grounding and Bonding Equipment
	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
820	UL 444, fifth edition	Communications Cables
	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	UL 1655, second edition	Community-Antenna Television Cables
830	UL 444, fifth edition	Communications Cables
	UL 497A, third edition	Secondary Protectors for Communications Circuits
	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
Tables 11(A) and 11(B)	UL 1310, seventh edition	Class 2 Power Units
	UL 1434, first edition	Thermistor-Type Devices
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers

Article	Standard Number	Standard Title
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
Tables 12(A) and 12(B)	UL 1310, seventh edition	Class 2 Power Units
	UL 1434, first edition	Thermistor-Type Devices
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements

Table A.1(3) Product Safety Standards for Conductors and Equipment That Do Not Have an Associated Listing Requirement and Other Referenced Publications

Article	Standard Number	Standard Title
110	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure
	UL 969, fifth edition	Marking and Labeling Systems
	UL 9691, first edition	Recommended Practice for Nameplates for Use in Electrical Installations
210	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
215	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
240	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure
245	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V
	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	NEMA C37.54	NEMA Standard Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
265	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	UL 486C, eighth edition	Splicing Wire Connectors
	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel

Article	Standard Number	Standard Title
	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	UL 2200, third edition	Stationary Engine Generator Assemblies
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
300	UL 635, third edition	Insulating Bushings
314	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
320	UL 514A, eleventh edition	Metallic Outlet Boxes
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
322	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
324	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
330	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
332	UL 1565, sixth edition	Positioning Devices
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
334	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	UL 1565, sixth edition	Positioning Devices
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title
	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
335	UL 2250, third edition	Instrumentation Tray Cable
337	UL 1565, sixth edition	Positioning Devices
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
340	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
342	UL 635, third edition	Insulating Bushings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
344	UL 635, third edition	Insulating Bushings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
348	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
350	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
352	UL 635, third edition	Insulating Bushings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
353	UL 635, third edition	Insulating Bushings
355	UL 635, third edition	Insulating Bushings
	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
356	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
358	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
362	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
368	UL 857, thirteenth edition	Busways
392	UL 568, first edition	Nonmetallic Cable Tray Systems
400	NEMA WC 58-2017	Portable and Power Feeder Cables for Use in Mines and Similar Applications
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	UL 498B, first edition	Receptacles with Integral Switching Means
	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	UL 498, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings

Article	Standard Number	Standard Title
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	UL 1650, first edition	Portable Power Cable
	UL 1680, second edition	Stage and Lighting Cables
	UL 2263, first edition	Electric Vehicle Cable
402	UL 66, third edition	Fixture Wire
408	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
409	UL 1436, sixth edition	Outlet Circuit Testers and Other Similar Indicating Devices
	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-30: Particular Requirements for Testing and Measuring Circuits
424	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	UL 1995, fifth edition	Heating and Cooling Equipment
	UL 1996, fourth edition	Electric Duct Heaters
	UL 60335-1, sixth edition	Safety of Household and Similar Electrical Appliances, Part 1: General Requirements
	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2–40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
425	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
426	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units
427	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications
	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 248-13, third edition	Low Voltage Fuses — Part 13: Semiconductor Fuses
	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	UL 347A, second edition	Medium Voltage Power Conversion Equipment
445	UL 3001, first edition	Distributed Energy Generation and Storage Systems
450	IEEE C57.12.00	IEEE Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers
	IEEE C57.12.28	IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity

Article	Standard Number	Standard Title
	IEEE C57.12.29	IEEE C57.12.29 IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity for Coastal Environments
	IEEE C57.16	IEEE Standard for Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors
	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements
	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	UL 1561, fourth edition	Dry-Type General Purpose and Power Transformers
	UL 1562, fourth edition	Transformers, Distribution, Dry-Type Over 600 Volts
	UL 5085, second edition	Low Voltage Transformers — Part 2: General Purpose Transformers
460	UL 810, sixth edition	Capacitors
	UL 1283, seventh edition	Electromagnetic Interference Filters
	UL 60384-14, second edition	Fixed Capacitors for Use in Electronic Equipment — Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains
470	UL 508, eighteenth edition	Industrial Control Equipment
	UL 1283, seventh edition	Electromagnetic Interference Filters
495	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V
	IEEE C37.20.2	IEEE Standard for Metal-Clad Switchgear
	IEEE C37.20.3	IEEE Standard for Metal-Enclosed Interrupter Switchgear (1 kV–38 kV)
	IEEE C37.20.4	IEEE Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear
	IEEE C37.20.6	IEEE Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in Enclosures
	IEEE C37.20.9	IEEE Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems
	IEEE C37.23	IEEE Standard for Metal-Enclosed Bus
	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories

Article	Standard Number	Standard Title
	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	IEEE C37.59	IEEE Standard for Requirements for Conversion of Power Switchgear Equipment
	IEEE C37.60	IEEE International Standard — High-voltage switchgear and controlgear — Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV
	IEEE C37.74	IEEE Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV
	NEMA C37.54	American National Standard for Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
	NEMA C37.55	American National Standard for Switchgear — Medium Voltage Metal-Clad Assemblies — Conformance Test Procedures
	NEMA C37.57	American National Standard for Switchgear — Metal-Enclosed Interrupter Switchgear Assemblies — Conformance Testing
	NEMA C37.58	American National Standard for Switchgear — Indoor AC Medium Voltage Switches for Use in Metal-Enclosed Switchgear — Conformance Test Procedures
	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15KV
	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	UL 2748, first edition	Arcing Fault Quenching Equipment
	UL 2877, fourth edition	Power Supplies, Medium Voltage
	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
500	ANSI/IEEE C2	National Electrical Safety Code, Section 127A, Coal Handling Areas
	ANSI/UL 121203	Recommended Practice for Portable/Personal Electronic Products Suitable for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2, Class III, Division 1, Class III, Division 2, Zone 21 and Zone 22 Hazardous (Classified) Locations
	API RP 14F	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Division 1 and Division 2 Locations
	API RP 500	Recommended Practice for Classification of Locations of Electrical Installations at Petroleum Facilities Classified as Class I, Division 1 and Division 2
	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	ASHRAE 15	Safety Standard for Refrigeration Systems.
	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	IEEE 844.2	Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	IEEE 60079-30-2	IEEE/IEC International Standard for Explosive atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for

Article	Standard Number	Standard Title
		design, installation, and maintenance
	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	ISA-12.10	Area Classification in Hazardous (Classified) Dust Locations
	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	NFPA 30-2024	Flammable and Combustible Liquids Code
	NFPA 32-2021	Standard for Drycleaning Facilities
	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	NFPA 35-2021	Standard for the Manufacture of Organic Coatings
	NFPA 36-2025	Standard for Solvent Extraction Plants
	NFPA 45-2024	Standard on Fire Protection for Laboratories Using Chemicals
	NFPA 55-2026	Compressed Gases and Cryogenic Fluids Code
	NFPA 58-2024	Liquefied Petroleum Gas Code
	NFPA 59-2024	Utility LP-Gas Plant Code
	NFPA 77-2024	Recommended Practice on Static Electricity
	NFPA 497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installation in Chemical Process Areas
	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	NFPA 820-2024	Standard for Fire Protection in Wastewater Treatment and Collection Facilities
	UL 60079-29-2, second edition	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	UL 120002, second edition	Recommended Practice for Certificates for Equipment for Hazardous (Classified) Locations
	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
501	UL 62, twentieth edition	Flexible Cords and Cables
	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
503	NFPA 505-2024	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations
504	ISA-RP 12.06.01	Recommended Practice for Wiring Methods for Hazardous (Classified) Locations Instrumentation — Part 1: Intrinsic Safety
505	ANSI/API RP 14FZ	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Zone 0, Zone 1, and Zone 2 Locations

Article	Standard Number	Standard Title
	API RP 505	Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Zone 0, Zone 1, and Zone 2
	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	EI 15	Model Code of Safe Practice, Part 15: Area Classification Code for Installations Handling Flammable Fluids
	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	ISA-60079-10-1 (12.24.01)	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive gas atmospheres
	ISA-60079-29-2	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	NFPA 30-2024	Flammable and Combustible Liquids Code
	NFPA 77-2024	Recommended Practice on Static Electricity
	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	UL 80079-20-1, first edition	Explosive Atmospheres — Part 20-1: Material Characteristics for Gas and Vapour Classification — Test Methods and Data
	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
506	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	ISA-60079-10-2 (12.10.05)	Explosive Atmospheres — Part 10-2: Classification of Areas — Combustible Dust Atmospheres
	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
511	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages
	NFPA 88A-2023	Standard for Parking Structures
512	ICC IFC	International Fire Code
	NFPA 1-2023	Fire Code
	NFPA 30-2024	Flammable and Combustible Liquids Code

Article	Standard Number	Standard Title
	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 36-2025	Standard for Solvent Extraction Plants
	NFPA 58-2024	Liquefied Petroleum Gas Code
	NFPA 70B-2023	Standard for Electrical Equipment Maintenance
	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
513	NFPA 30-2024	Flammable and Combustible Liquids Code
	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 409-2022	Standard on Aircraft Hangars
514	NFPA 2-2023	Hydrogen Technologies Code
	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages
	NFPA 52-2023	Vehicular Natural Gas Fuel Systems Code
	NFPA 58-2024	Liquefied Petroleum Gas Code
	NFPA 59-2024	Utility LP-Gas Plant Code
	NFPA 303-2026	Fire Protection Standard for Marinas and Boatyards
515	NFPA 30-2024	Flammable and Combustible Liquids Code
516	NFPA 13-2025	Standard for the Installation of Sprinkler Systems
	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	NFPA 77-2024	Recommended Practice on Static Electricity
	NFPA 91-2026	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids
	NFPA 701-2023	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
620	UL 4, fifteenth edition	Armored Cable
	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 66, third edition	Fixture Wire
	UL 504, third edition	Mineral-Insulated, Metal Sheathed Cable
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 1569, fifth edition	Metal-Clad Cables
625	UL 3001, first edition	Distributed Energy Generation and Storage Systems
630	UL 1276, third edition	Welding Cable
650	UL 1651, fourth edition	Optical Fiber Cable
660	UL 62, twentieth edition	Flexible Cords and Cables
	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
668	UL 4, fifteenth edition	Armored Cable

Article	Standard Number	Standard Title
	UL 62, twentieth edition	Flexible Cords and Cables
670	UL 1740, fourth edition	Standard for Robots and Robotic Equipment
	UL 2011, seventh edition	Machinery
	UL 3100, first edition	Automated Mobile Platforms (AMPs)
675	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 83A, first edition	Fluoropolymer Insulated Wire
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 1263, sixth edition	Irrigation Cable
690	UL 3001, first edition	Distributed Energy Generation and Storage Systems
691	UL 3001, first edition	Distributed Energy Generation and Storage Systems
692	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 83A, first edition	Fluoropolymer Insulated Wire
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
694	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	UL 62, twentieth edition	Flexible Cords and Cables
	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	UL 83A, first edition	Fluoropolymer Insulated Wire
	UL 1063, ninth edition	Machine-Tool Wires and Cables
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
700	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
701	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
702	UL 3001, first edition	Distributed Energy Generation and Storage Systems

Article	Standard Number	Standard Title
705	UL 3001, first edition	Distributed Energy Generation and Storage Systems
708	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure
710	UL 3001, first edition	Distributed Energy Generation and Storage Systems

Additional Proposed Changes

File Name	Description	Approved
Artilce_495_Related_Changes_to_Annex_A.docx	Changes to Annex A, Tables A.1(2) and A.1(3)	

Statement of Problem and Substantiation for Public Input

This Public Input is submitted on behalf of the High Voltage Task Group established by the Correlating Committee, consisting of Robert Osborne (Chair), Paul Barnhart, Lou Grahor, Donny Cook, Scott Higgins, Mike Querry, Roger McDaniel, Dave Burns, Kevin Rogers, Tony Ricciuti, Paul Knapp, Paul Sullivan, George Smith, Michael O'Connell, Eric Simmon, Kevin Arnold, Larry Wildermuth, Kyle Krueger, Eric Stromberg, Ken Crawford, Rob Roettgers, William Brown, and William Alexander.

There are now listing requirements for the most of the equipment covered by the Article 495 documents listed in Table A.1(3). These requirements are being moved to Table A.1(2). Arc-fault quenching equipment is not currently required to be listed.

Submitter Information Verification

Submitter Full Name: Robert Osborne
Organization: UL Solutions
Street Address:
City:
State:
Zip:
Submittal Date: Sat Apr 04 19:28:23 EDT 2026
Committee: NEC-P01

Table A.1 Changes

Table A.1(2)
495
IEEE C37.09 IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V
IEEE C37.20.2 IEEE Standard for Metal-Clad Switchgear
IEEE C37.20.3 IEEE Standard for Metal-Enclosed Interrupter Switchgear (1 kV–38 kV)
IEEE C37.20.4 IEEE Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear
IEEE C37.20.6 IEEE Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in Enclosures
IEEE C37.20.9 IEEE Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems
IEEE C37.23 IEEE Standard for Metal-Enclosed Bus
IEEE C37.41 IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
IEEE C37.42 IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
IEEE C37.59 IEEE Standard for Requirements for Conversion of Power Switchgear Equipment
IEEE C37.60 IEEE International Standard — High-voltage switchgear and controlgear — Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV
IEEE C37.74 IEEE Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV
NEMA C37.54 American National Standard for Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
NEMA C37.55 American National Standard for Switchgear — Medium Voltage Metal-Clad Assemblies — Conformance Test Procedures
NEMA C37.57 American National Standard for Switchgear — Metal-Enclosed Interrupter Switchgear Assemblies — Conformance Testing
NEMA C37.58 American National Standard for Switchgear — Indoor AC Medium Voltage Switches for Use in Metal-Enclosed Switchgear — Conformance Test Procedures
UL 347, seventh edition Medium-Voltage AC Contactors, Controllers, and Control Centers
UL 347A, second edition Medium Voltage Power Conversion Equipment
UL 347C, first edition Medium Voltage Solid State Resistive Load Controllers, Up to 15KV
UL 1008A, second edition Transfer Switch Equipment, Over 1000 Volts
UL 2877, fourth edition Power Supplies, Medium Voltage
UL 3004, second edition Outline of Investigation for Medium Voltage Junction Boxes

Table A.1(3)

495
UL 2748, first edition Arcing Fault Quenching Equipment

Substantiation:

This Public Input is submitted on behalf of the High Voltage Task Group established by the Correlating Committee, consisting of Robert Osborne (Chair), Paul Barnhart, Lou Grahor, Donny Cook, Scott Higgins, Mike Querry, Roger McDaniel, Dave Burns, Kevin Rogers, Tony Ricciuti, Paul Knapp, Paul Sullivan, George Smith, Michael O'Connell, Eric Simmon, Kevin Arnold, Larry Wildermuth, Kyle Krueger, Eric Stromberg, Ken Crawford, Rob Roettgers, William Brown, and William Alexander.

There are now listing requirements for the most of the equipment covered by the Article 495 documents listed in Table A.1(3). These requirements are being moved to Table A.1(2). Arc-fault quenching equipment is not currently required to be listed.

Public Input No. 1355-NFPA 70-2026 [Section No. A.1]

A.1 Referenced Publications.

Table A.1(1), Table A.1(2), and Table A.1(3) provide a list of publications that are referenced in this code. These references are current at the time of publication. New publications or modifications to existing publications can occur at any time while this edition of the code is in effect.

Table A.1(1) provides a list of NFPA publications referenced in this code. Table A.1(2) provides a list of product safety standards used for product listing where that listing is required by this code. Table A.1(3) provides a list of other publications referenced in this code.

Table A.1(1) NFPA Standards Referenced in NEC

Standard Number	Standard Title	Current Edition	Extract Edition
1	Fire Code	2024	-
2	Hydrogen Technologies Code	2023	-
13	Standard for the Installation of Sprinkler Systems	2025	-
13D	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	2025	-
20	Standard for the Installation of Stationary Pumps for Fire Protection	2025	2025
30	Flammable and Combustible Liquids Code	2024	-
30A	Code for Motor Fuel Dispensing Facilities and Repair Garages	2024	2024
32	Standard for Drycleaning Facilities	2021	-
33	Standard for Spray Application Using Flammable or Combustible Materials	2024	2024
34	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids	2024	2024
35	Standard for the Manufacture of Organic Coatings	2021	-
36	Standard for Solvent Extract Plants	2025	-
37	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines	2024	-
40	Standard for the Storage and Handling of Cellulose Nitrate Film	2025	-
45	Standard on Protection for Laboratories Using Chemicals	2024	-
52	Vehicular Natural Gas Fuel Systems Code	2026	-
54	National Fuel Gas Code	2024	-
55	Compressed Gases and Cryogenic Fluids Code	2026	-
58	Liquified Petroleum Gas Code	2024	-
59	Utility LP-Gas Plant Code	2024	-
70	National Electrical Code®	2026	-
70B	Standard for Electrical Equipment Maintenance	2023	-
70E®	Standard for Electrical Safety in the Workplace®	2024	-
72	National Fire Alarm and Signaling Code®	2025	-
75	Standard for the Fire Protection of Information Technology Equipment	2024	2024
77	Recommended Practice on Static Electricity	2024	-
79	Electrical Standard for Industrial Machinery	2024	2024
80	Standard for Fire Doors and Other Opening Protectives	2025	-
88A	Standard for Parking Structures	2023	-
90A	Standard for the Installation of Air-Conditioning and Ventilating Systems	2024	-
90B	Standard for the Installation of Warm Air Heating and Air-Conditioning Systems	2024	-

Standard Number	Standard Title	Current Edition	Extract Edition
91	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids	2026	-
99	Health Care Facilities Code	2024	2024
101®	Life Safety Code®	2024	2024
110	Standard for Emergency and Standby Power Systems	2025	2025
111	Standard for Stored Electrical Energy Emergency and Standby Power Systems	2025	-
220	Standard on Types of Building Construction	2024	-
262	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces	2023	-
303	Fire Protection Standard for Marinas and Boatyards	2026	2021
307	Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves	2021	2021
409	Standard on Aircraft Hangers	2022	-
496	Standard for Purged and Pressurized Enclosures for Electrical Equipment	2024	-
497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	-
499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	2024
505	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	2024	-
701	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films	2023	-
730	Guide for Premises Security	2023	-
780	Standard for the Installation of Lightning Protection Systems	2026	-
790	Standard for the Competency of Third-Party Field Evaluation Bodies	2024	2024
820	Standard for Fire Protection in Wastewater Treatment and Collection Facilities	2024	-
853	Standard for the Installation of Stationary Fuel Cell Power Systems	2025	-
855	Standard for the Installation of Stationary Energy Storage Systems	2026	-
1192	Standard on Recreational Vehicles	2026	2021
1660	Standard for Emergency, Continuity, and Crisis Management: Preparedness, Response, and Recovery	2024	-
5000	Building Construction and Safety Code®	2024	-

Table A.1(2) Product Safety Standards for Conductors and Equipment That Have an Associated Listing Requirement

Article	Standard Number	Standard Title
110	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies

Article	Standard Number	Standard Title	
	-	UL 305, sixth edition	Panic Hardware
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
130	UL 916, fifth edition	Energy Management Equipment	
	-	UL 3141, first edition	Power Control Systems
210	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground Fault Circuit Interrupters
	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters
225	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
230	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 218, third edition	Fire Pump Controllers

Article	Standard Number	Standard Title	
	-	UL 231, tenth edition	Power Outlets
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 414, ninth edition	Meter Sockets
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 857, thirteenth edition	Busways
	-	UL 869A, fourth edition	Reference Standard for Service Equipment
	-	UL 891, twelfth edition	Switchboards
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1062, third edition	Unit Substations
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit

Article	Standard Number	Standard Title	
	-	UL 1740, fourth edition	Robots and Robotic Equipment
	-	UL 1953, seventh edition	Power Distribution Blocks
	-	UL 2011, seventh edition	Machinery
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2416, first edition	Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems
	-	UL 2446, first edition	Unitary Boiler Room Systems
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 2735, first edition	Electric Utility Meters
	-	UL 2745, first edition	Meter Socket Adapters for Communications Equipment
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
	-	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
240	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements	
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 2: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-11, third edition	Low-Voltage Fuses — Part 11: Plug Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses

Article	Standard Number	Standard Title	
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures
	-	UL 489I, second edition	Solid State Molded-Case Circuit Breakers
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
242	UL 1449, fifth edition	Surge Protective Devices	
250	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 153, thirteenth edition	Portable Electric Luminaires
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel

Article	Standard Number	Standard Title	
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1652, third edition	Flexible Metallic Tubing
270	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
300	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 263, fourteenth edition	Fire Tests of Building Construction and Materials
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords

Article	Standard Number	Standard Title	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
310	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 83B, first edition	Switchboard and Switchgear Wires and Cables
	-	UL 224, seventh edition	Extruded Insulating Tubing
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 854, twelfth edition	Service-Entrance Cables
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1441, fifth edition	Coated Electrical Sleeving
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
312	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2808, first edition	Energy Monitoring Equipment
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-030: Particular Requirements for Testing and Measuring Circuits
314	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations

Article	Standard Number	Standard Title	
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 1953, seventh edition	Power Distribution Blocks
315	ANSI C119.4	Electric Connectors — Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93ºC and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100ºC	
	-	IEEE 48	IEEE Standard for Test Procedures and Requirements for Alternating-Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV
	-	IEEE 386	IEEE Standard for Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV
	-	IEEE 404	IEEE Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2.5 kV to 500 kV
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 1072, fourth edition	Medium Voltage Power Cables

Article	Standard Number	Standard Title	
	-	UL 1569, fifth edition	Metal-Clad Cables
320	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
322	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
324	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
330	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
332	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable	
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
334	UL 719, thirteenth edition	Nonmetallic-Sheathed Cables	
	-	UL 2256, first edition	Nonmetallic Sheathed Cable Interconnects
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
335	UL 2250, third edition	Instrumentation Tray Cable	
336	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members

Article	Standard Number	Standard Title	
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
337	UL 1309A, first edition	Cable for Use in Mobile Installations	
338	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 854, twelfth edition	Service-Entrance Cables
340	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
342	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
344	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
348	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
350	UL 360, seventh edition	Liquid-Tight Flexible Steel Conduit	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
352	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings	
353	UL 651A, sixth edition	High Density Polyethylene (HDPE) Conduit	
354	UL 1990, fourth edition	Nonmetallic Underground HDPE Conduit with Conductors	
355	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings	
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
	-	UL 2515A, first edition	Supplemental Requirements for Extra-Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
356	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
358	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
360	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1652, third edition	Flexible Metallic Tubing
362	UL 1653, third edition	Electrical Nonmetallic Tubing	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
366	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
368	UL 509, second edition	Bus Drop Cable	
370	ANSI/CSA C22.2 No. 273	Cablebus	
371	UL 1386, first edition	Flexible Bus Systems	
	-	UL 1387, first edition	Flexible Insulated Bus
374	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings	
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
376	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
	-	UL 1953, seventh edition	Power Distribution Blocks
378	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
382	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	

Article	Standard Number	Standard Title	
	-	UL183, fourth edition	Manufactured Wiring Systems
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
-		UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 498M, first edition	Marine Shore Power Inlets
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 991, third edition	Tests for Safety-Related Controls Employing Solid-State Devices
	-	UL 1077, seventh edition	Supplementary Protectors for Use in Electrical Equipment
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1998, third edition	Software in Programmable Components
384	UL 5B, second edition	Strut-Type Channel Raceways and Fittings	
386	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
388	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	
392	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations	
393	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1310, seventh edition	Class 2 Power Units

Article	Standard Number	Standard Title	
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 2577, first edition	Suspended Ceiling Power Grid Systems and Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
396	UL 1072, fourth edition	Medium-Voltage Power Cables	
404	ANSI/NEMA WD 6–2016	Wiring Devices — Dimensional Specifications	
	-	UL 20, fourteenth edition	General-Use Snap Switches
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 98A, second edition	Open-Type Switches
	-	UL 363, eleventh edition	Knife Switches
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 773, fifth edition	Plug-In Locking Type Photocontrols for Use with Area Lighting
	-	UL 773A, sixth edition	Nonindustrial Photoelectric Switches for Lighting Control
	-	UL 917, fifth edition	Clock-Operated Switches
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1472, second edition	Solid-State Dimming Controls
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-7, third edition	Automatic Electrical Controls — Part 2–7: Particular Requirements for Timers and Time Switches
406	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection

Article	Standard Number	Standard Title		
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts	
	-	UL 498M, first edition	Marine Shore Power Inlets	
	-	UL 514A, eleventh edition	Metallic Outlet Boxes	
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers	
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters	
	-	UL 943B, third edition	Appliance Leakage-Current Interrupters	
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters	
	-	UL 970, first edition	Retail Fixtures and Merchandise Displays	
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
	-	UL 1286, sixth edition	Office Furnishings Systems	
	-	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1682, fifth edition	Plugs, Receptacles, and Cable Connectors, of the Pin and Sleeve Type	
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors	
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters	
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters	
	-	-	-	See 406.4(D)(4)(1)
	-	UL 2999, first edition	Individual Commercial Office Furnishings	
408	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables		
	-	UL 67, thirteenth edition	Panelboards	
	-	UL 891, twelfth edition	Switchboards	
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear	
409	UL 508, eighteenth edition	Industrial Control Equipment		
	-	UL 508A, third edition	Industrial Control Panels	
410	ANSI/CSA-C22.2 No. 184.2	Solid-State Controls for Lighting Systems (SSCLS)		

Article	Standard Number	Standard Title	
	-	UL 153, thirteenth edition	Portable Electric Luminaires
	-	UL 496, fourteenth edition	Lampholders
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 542, ninth edition	Fluorescent Lamp Starters
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 970, first edition	Retail Fixtures and Merchandising Displays
	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1029A, first edition	Ignitors and Related Auxiliaries for HID Lamp Ballasts
	-	UL 1574, third edition	Track Lighting Systems
	-	UL 1598, fifth edition	Luminaires
	-	UL 1598B, first edition	Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires, Supplemental Requirements
	-	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
	-	UL 1993, sixth edition	Self-Ballasted Lamps and Lamp Adapters
	-	UL 2388, second edition	Flexible Lighting Products
	-	UL 8750, second edition	Light Emitting Diode (LED) Equipment for Use in Lighting Products
	-	UL 8752, second edition	Organic Light Emitting Diode (OLED) Panels
	-	UL 8753, second edition	Field-Replaceable Light Emitting Diode (LED) Light Engines
	-	UL 8754, second edition	Holders, Bases and Connectors for Solid-State (LED) Light Engines and Arrays
	-	UL 8800, first edition	Horticultural Lighting Equipment and Systems

Article	Standard Number	Standard Title	
	-	UL 8802, first edition	Ultraviolet (UV) Germicidal Equipment and Systems
	-	UL 8803, first edition	Portable UV Germicidal Equipment With Uncontained UV Sources
411	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1838, third edition	Low-Voltage Landscape Lighting Systems
	-	UL 2108, second edition	Low-Voltage Lighting Systems
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
422	ANSI/CSA-C22.2 No. 339	Hand-held motor-operated electric tools — Safety — Particular requirements for chain beam saws	
	-	UL 22, sixth edition	Amusement and Gaming Machines
	-	UL 73, tenth edition	Motor-Operated Appliances
	-	UL 82, ninth edition	Electric Gardening Appliances
	-	UL 122, fifth edition	Photographic Equipment
	-	UL 141, ninth edition	Garment Finishing Appliances
	-	UL 174, eleventh edition	Household Electric Storage Tank Water Heaters
	-	UL 197, tenth edition	Commercial Electric Cooking Appliances
	-	UL 283, third edition	Air Fresheners and Deodorizers
	-	UL 325, seventh edition	Door, Drapery, Gate, Louver, and Window Operators and Systems
	-	UL 399, eighth edition	Drinking Water Coolers
	-	UL 430, eighth edition	Waste Disposers
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 499, fourteenth edition	Electric Heating Appliances
	-	UL 507, tenth edition	Electric Fans
	-	UL 514A, eleventh edition	Metallic Outlet Boxes

Article	Standard Number	Standard Title	
	-	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications
	-	UL 561, seventh edition	Floor Finishing Machines
	-	UL 574, eighth edition	Electric Oil Heaters
	-	UL 621, seventh edition	Ice Cream Makers
	-	UL 705, seventh edition	Power Ventilators
	-	UL 710B, second edition	Recirculating Systems
	-	UL 749, twelfth edition	Household Dishwashers
	-	UL 751, ninth edition	Vending Machines
	-	UL 763, fifth edition	Motor-Operated Commercial Food Preparing Machines
	-	UL 778, sixth edition	Motor-Operated Water Pumps
	-	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
	-	UL 858, sixteenth edition	Household Electric Ranges
	-	UL 859, eleventh edition	Household Electric Personal Grooming Appliances
	-	UL 875, tenth edition	Electric Dry-Bath Heaters
	-	UL 921, eighth edition	Commercial Dishwashers
	-	UL 923, seventh edition	Microwave Cooking Appliances
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 962, fifth edition	Household and Commercial Furnishings
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 979, second edition	Water Treatment Appliances
	-	UL 982, eighth edition	Motor-Operated Household Food Preparing Machines
	-	UL 987, eighth edition	Stationary and Fixed Electric Tools
	-	UL 1017, tenth edition	Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines
	-	UL 1026, sixth edition	Household Electric Cooking and Food Serving Appliances
	-	UL 1086, sixth edition	Household Trash Compactors
	-	UL 1090, seventh edition	Electric Snow Movers
	-	UL 1206, fourth edition	Electric Commercial Clothes-Washing Equipment

Article	Standard Number	Standard Title	
	-	UL 1240, fourth edition	Electric Commercial Clothes-Drying Equipment
	-	UL 1278, fourth edition	Movable and Wall- or Ceiling-Hung Electric Room Heaters
	-	UL 1447, sixth edition	Electric Lawn Mowers
	-	UL 1450, fourth edition	Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment
	-	UL 1453, sixth edition	Electric Booster and Commercial Storage Tank Water Heaters
	-	UL 1576, second edition	Flashlights and Lanterns
	-	UL 1594, fourth edition	Sewing and Cutting Machines
	-	UL 1647, sixth edition	Motor-Operated Massage and Exercise Machines
	-	UL 1727, fifth edition	Commercial Electric Personal Grooming Appliances
	-	UL 1776, third edition	High-Pressure Cleaning Machines
	-	UL 2157, fourth edition	Electric Clothes Washing Machines and Extractors
	-	UL 2158, sixth edition	Electric Clothes Dryers
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 60335-2-3, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-3: Particular Requirements for Electric Irons
	-	UL 60335-2-8, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-8: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances
	-	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances, and Ice-Makers
-		UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60335-2-67, second edition	Household and Similar Electrical Appliances — Safety — Part 2-67: Particular Requirements for Floor Treatment Machines, For Commercial Use
	-	UL 60335-2-68, first edition	Household and Similar Electrical Appliances — Safety — Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use
	-	UL 60335-2-79, first edition	Household and Similar Electrical Appliances — Safety — Part 2-79: Particular Requirements for High Pressure Cleaners and Steam Cleaners

Article	Standard Number	Standard Title	
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
	-	UL 60745-1, fourth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 1: General Requirements
	-	UL 60745-2-1, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-1: Particular Requirements for Drills and Impact Drills
	-	UL 60745-2-2, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches
	-	UL 60745-2-3, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-3: Particular Requirements for Grinders, Polishers, and Disk-Type Sanders
	-	UL 60745-2-4, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type
	-	UL 60745-2-5, fifth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-5: Particular Requirements for Circular Saws
	-	UL 60745-2-6, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-6: Particular Requirements for Hammers
	-	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements for Shears and Nibblers
	-	UL 60745-2-9, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-9: Particular Requirements for Tappers
	-	UL 60745-2-11, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-11: Particular Requirements for Reciprocating Saws
	-	UL 60745-2-12, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-12: Particular Requirements For Concrete Vibrators
	-	UL 60745-2-13, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-13: Particular Requirements For Chain Saws
	-	UL 60745-2-14, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-14: Particular Requirements for Planers
	-	UL 60745-2-15, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-15: Particular Requirements for Hedge Trimmers
	-	UL 60745-2-16, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-16: Particular Requirements for Tackers
	-	UL 60745-2-17, third edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-17: Particular Requirements for Routers and Trimmers
	-	UL 60745-2-18, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-18: Particular

Article	Standard Number	Standard Title	
			Requirements For Strapping Tools
	-	UL 60745-2-19, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-19: Particular Requirements for Jointers
	-	UL 60745-2-20, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-20: Particular Requirements for Band Saws
	-	UL 60745-2-21, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-21: Particular Requirements For Drain Cleaners
	-	UL 60745-2-22, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-22: Particular Requirements for Cut-Off Machines
	-	UL 60745-2-23, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-23: Particular Requirements for Die Grinders and Small Rotary Tools
	-	UL 62841-1, first edition	Electric Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
-		UL 62841-2-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	-	UL 62841-2-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-2: Particular Requirements For Hand-Held Screwdrivers And Impact Wrenches
	-	UL 62841-2-3, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Disk-Type Polishers, and Disk-Type Sanders
	-	UL 62841-2-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	-	UL 62841-2-5, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	-	UL 62841-2-8, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	-	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders

Article	Standard Number	Standard Title	
	-	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	-	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	-	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	-	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	-	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	-	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	-	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
	-	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	-	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws
	-	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10: Particular Requirements for Transportable Cut-Off Machines
	-	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular Requirements for Transportable Threading Machines
	-	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13:

Article	Standard Number	Standard Title	
			Particular Requirements For Transportable Drills
	-	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular Requirements for Transportable Drain Cleaners
	-	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	-	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	-	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	-	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
424	UL 499, fourteenth edition	Electric Heating Appliances	
	-	UL 1042, fifth edition	Electric Baseboard Heating Equipment
	-	UL 1673, third edition	Electric Space Heating Cables
	-	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	-	UL 1995, fifth edition	Heating and Cooling Equipment
	-	UL 1996, fourth edition	Electric Duct Heaters
	-	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
	-	UL 2683, first edition	Electric Heating Products for Floor and Ceiling Installation
425	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
426	IEEE 515	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications	
	-	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units

Article	Standard Number	Standard Title	
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
427	IEEE 515-2017	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications	
	-	UL 515, second edition	Electrical Resistance Trace Heat for Commercial Applications
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 4, fifteenth edition	Armored Cable	
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 705, seventh edition	Power Ventilators
	-	UL 745-1, second edition	Portable Electric Tools
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 987, eighth edition	Stationary and Fixed Electric Tools
	-	UL 1004-1, second edition	Rotating Electrical Machines — General Requirements
	-	UL 1004-2, second edition	Impedance Protected Motors
	-	UL 1004-3, second edition	Thermally Protected Motors
	-	UL 1004-6, second edition	Servo and Stepper Motors
	-	UL 1004-7, third edition	Electronically Protected Motors
	-	UL 1004-8, second edition	Inverter Duty Motors
	-	UL 1004-9, first edition	Form Wound and Medium Voltage Rotating Electrical Machines
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1569, fifth edition	Metal Clad Cables
	-	UL 1812, fourth edition	Ducted Heat Recovery Ventilators
	-	UL 1815, fifth edition	Nonducted Heat Recovery Ventilators

Article	Standard Number	Standard Title	
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 60034-1, third edition	Rotating Electrical Machines — Part 1: Rating and Performance
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60730-2-22, first edition	Automatic Electrical Controls — Part 2-22: Particular Requirements for Thermal Motor Protectors
	-	UL 60745-1, fourth edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
	-	UL 60745-2-1, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	-	UL 60745-2-2, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-2: Particular Requirements For Screwdrivers And Impact Wrenches
	-	UL 60745-2-3, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Polishers, and Disk-Type Sanders
	-	UL 60745-2-4, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	-	UL 60745-2-5, fifth edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	-	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	-	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	-	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	-	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	-	UL 60947-5-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-1: Control Circuit Devices and Switching Elements — Electromechanical Control Circuit Devices
	-	UL 60947-5-2, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-2: Control Circuit Devices and

Article	Standard Number	Standard Title	
			Switching Elements — Proximity Switches
-		UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	-	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders
	-	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	-	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	-	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	-	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	-	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	-	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	-	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
	-	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	-	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws
	-	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10:

Article	Standard Number	Standard Title	
			Particular requirements for Transportable Cut-Off Machines
	-	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular requirements for Transportable Threading Machines
	-	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13: Particular Requirements For Transportable Drills
	-	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular requirements for Transportable Drain Cleaners
	-	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	-	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	-	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	-	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
440	UL 98, fourteenth edition	Enclosed and Dead-Front Switches	
	-	UL 416, fourth edition	Refrigerated Medical Equipment
	-	UL 484, ninth edition	Room Air Conditioners
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 541, ninth edition	Refrigerated Vending Machines
	-	UL 563, eighth edition	Ice Makers
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1995, fifth edition	Heating and Cooling Equipment

Article	Standard Number	Standard Title	
	-	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60335-2-89, second edition	Household and Similar Electrical Appliances — Safety — Part 2-89: Particular Requirements for Commercial Refrigerating Appliances and Ice Makers with an Incorporated or Remote Refrigerant Unit or Compressor
	-	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	-	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	-	UL 61800-5-2, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-2: Safety Requirements — Functional
445	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
450	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 305, sixth edition	Panic Hardware
	-	UL 340, sixth edition	Tests for Comparative Flammability of Liquids
	-	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
480	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 305, sixth edition	Panic Hardware

Article	Standard Number	Standard Title	
	-	UL 1642, sixth edition	Lithium Batteries
	-	UL 1973, third edition	Batteries for Use in Stationary and Motive Auxiliary Power Applications
	-	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	-	UL 2054, third edition	Household and Commercial Batteries
	-	UL 4127, second edition	Low Voltage Battery Cable
	-	UL 4128, fifth edition	Intercell and Intertier Connectors for use in Electrochemical Battery System Applications
495	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers	
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	-	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15kV
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
500	FM 121303	Guide for Use of Detectors for Flammable Gases	
	-	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified)
	-	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations

Article	Standard Number	Standard Title	
	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation.
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	-	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
501	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment

Article	Standard Number	Standard Title	
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1072, fourth edition	Medium-Voltage Power Cables
	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
	-	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
502	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures —	

Article	Standard Number	Standard Title	
		General, Testing, Marking, and Documentation Requirements	
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
503	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations

Article	Standard Number	Standard Title	
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
504	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations	
	-	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations
	-	UL 120202, first edition	Recommendations for the Preparation, Content, and Organization of Intrinsic Safety Control Drawings
505	FM 121303	Guide for Use of Detectors for Flammable Gases	
	-	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	-	UL 60079-1, seventh edition	Explosive Atmospheres — Part 1: Equipment Protection by Flameproof Enclosures “d”
	-	UL 60079-2, sixth edition	Explosive Atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-5, fourth edition	Explosive Atmospheres — Part 5: Type of Equipment Protectionby Powder Filling
	-	UL 60079-6, fourth edition	Explosive Atmospheres — Part 6: Equipment Protection by Liquid Immersion “o”
	-	UL 60079-7, fifth edition	Explosive Atmospheres — Part 7: Equipment Protection by Increased Safety “e”
	-	UL 60079-10-1, first edition	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive Gas Atmospheres
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety “i”

Article	Standard Number	Standard Title	
	-	UL 60079-13, second edition	Explosive Atmospheres — Part 13: Equipment Protection by Pressurized Room “p” and Artificially Ventilated Room “v”
	-	UL 60079-15, fifth edition	Explosive Atmospheres — Part 15: Equipment Protection by Type of Protection “n”
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	-	UL 60079-26, third edition	Explosive Atmospheres — Part 26: Equipment with Equipment Protection Level (EPL) Ga
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b”, Liquid Immersion “k”
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
506	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and	

Article	Standard Number	Standard Title	
		Documentation Requirements	
	-	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	-	UL 60079-2, sixth edition	Explosive atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety "i"
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-31, second edition	Explosive Atmospheres — Part 31: Equipment Dust Ignition Protection by Enclosure “t”
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 62784, first edition	Vacuum Cleaners and Dust Extractors Providing Equipment Protection Level Dc for the Collection of Combustible Dusts — Particular Requirements
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b“, Liquid Immersion “k”
512	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations	

Article	Standard Number	Standard Title	
516	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials	
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
517	AAMI ES 60601-1	Medical electrical equipment — Part 1: General requirements for basic safety and essential performance	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1022, fifth edition	Line Isolation Monitors
	-	UL 1047, sixth edition	Isolated Power Systems Equipment
	-	UL 1286, sixth edition	Office Furnishing Systems
	-	UL 2930, first edition	Cord-and-Plug-connected Health Care Facility Outlet Assemblies
	-	UL 60601-1, first edition	Medical Electrical Equipment — Part 1: General Requirements for Safety
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
518	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts

Article	Standard Number	Standard Title	
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 2305, first edition	Exhibition Display Units, Fabrication and Installation
520	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 334, second edition	Theater Lighting Distribution and Control Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 891, twelfth edition	Switchboards
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
522	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 2250, third edition	Instrumentation Tray Cable
525	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
530	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1479-2-15, fourth edition	Fire Tests of Penetration Firestops
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1680, second edition	Stage and Lighting Cables
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors

Article	Standard Number	Standard Title	
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
540	UL 67, thirteenth edition	Panelboards	
	-	UL 943, fifth edition	Ground-Fault Circuit Interrupters
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
545	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 20, fourteenth edition	General Use Snap Switches
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
547	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 62, twentieth edition	Flexible Cords and Cables

Article	Standard Number	Standard Title	
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1598, fifth edition	Luminaires
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
550	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 307A, ninth edition	Liquid Fuel-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	-	UL 307B, fifth edition	Gas-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low-Voltage Lighting Systems
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
551	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1598, fifth edition	Luminaires

Article	Standard Number	Standard Title	
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2299, first edition	Ground Monitor Interrupters
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
552	SAE J1128-2015	Low Voltage Primary Cable, for Types GXL, HDT, and SXL	
	-	SAE J1127-2015	Low Voltage Battery Cable, for Types SGT and SGR
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for Use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 430, eighth edition	Waste Disposers
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 916, fifth edition	Energy Management Equipment

Article	Standard Number	Standard Title	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low Voltage Lighting Systems
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
555	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 231, tenth edition	Power Outlets
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1399, first edition	Leakage Current Measurement Devices for Use in Marina Applications
	-	UL 1650, first edition	Portable Power Cable
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
590	UL 496, fourteenth edition	Lampholders	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1088, seventh edition	Temporary Lighting Strings
	-	UL 1377, first edition	Wire used in Low Voltage Seasonal Lighting Products In Circuits With a

Article	Standard Number	Standard Title	
			Maximum Available Power of 15W
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
600	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 13, fourth edition	Power-Limited Circuit Cables
	-	UL 48, fifteenth edition	Electric Signs
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 814, twelfth edition	Gas-Tube-Sign Cable
	-	UL 879, ninth edition	Electric Sign Components
	-	UL 879A, first edition	LED Sign and Sign Retrofit Kits
	-	UL 879B, first edition	Polymeric Enclosure Systems for the Splice Between Neon Tubing Electrode Leads and GTO Cable, and the GTO Cable Leading to the Splice
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2161, second edition	Neon Transformers and Power Supplies
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground

Article	Standard Number	Standard Title	
			Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 3703, first edition	Solar Trackers
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements For Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements For Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: Particular Requirements for Inverters
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
604	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 183, fourth edition	Manufactured Wiring Systems
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit

Article	Standard Number	Standard Title	
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 857, thirteenth edition	Busways
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
605	UL 962, fifth edition	Household and Commercial Furnishings	
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 1286, sixth edition	Office Furnishings Systems
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 2999, first edition	Individual Commercial Office Furnishings
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
610	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 2273, second edition	Festoon Cable
620	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 104, twelfth edition	Elevator Door Locking Devices and Contacts
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-

Article	Standard Number	Standard Title	
			Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
624	UL 9741A	Onboard Electric Vehicle Power Export and Import Equipment	
625	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2202, third edition	DC Charging Equipment for Electric Vehicles
	-	UL 2231-1, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 1: General Requirements
	-	UL 2231-2, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 2: Particular Requirements for Protection Devices for Use in Charging Systems
	-	UL 2251-, fourth edition	Plugs, Receptacles and Couplers for Electrical Vehicles
	-	UL 2580, third edition	Batteries for Use in Electric Vehicles
	-	UL 2594, third edition	Electric Vehicle Supply Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
626	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 231, tenth edition	Power Outlets
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1651, fourth edition	Optical Fiber Cable

Article	Standard Number	Standard Title	
	-	UL 1686, fifth edition	Pin and Sleeve Configurations
630	UL 551, eighth edition	Transformer-Type Arc-Welding Machines	
640	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 813, seventh edition	Commercial Audio Equipment
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1419, fourth edition	Professional Video and Audio Equipment
	-	UL 1492, second edition	Audio-Video Products and Accessories
	-	UL 1711, fourth edition	Amplifiers for Fire Protective Signaling Systems
	-	UL 2269, fourth edition	Optical Fiber/Communications/Signaling/Coaxial Cable Outlet Boxes
	-	UL 6500, second edition	Audio/Video and Musical Instrument Apparatus for Household, Commercial, and Similar General Use
	-	UL 60065, eighth edition	Audio, Video and Similar Electronic Apparatus — Safety Requirements
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
645	UL 38, eighth edition	Manual Signaling Boxes for Fire Alarm Systems	
	-	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems
	-	UL 444, fifth edition	Communications Cables
	-	UL 464, eleventh edition	Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire Alarm Circuits
	-	UL 833, first edition	Control Units and Accessories for Fire Alarm Systems
	-	UL 864, eleventh edition	Control Units and Accessories for Fire Alarm Systems
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1425, third edition	Cables for Non-Power-Limited Fire-Alarm Circuits
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories

Article	Standard Number	Standard Title	
	-	UL 1638, sixth edition	Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1690, fourth edition	Data-Processing Cable
-		UL 1778, fifth edition	Uninterruptible Power Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 60950-1, second edition	Information Technology Equipment — Safety — Part 1: General Requirements
	-	UL 60950-21, first edition	Information Technology Equipment — Safety — Part 21: Remote Power Feeding
	-	UL 60950-22, second edition	Information Technology Equipment — Safety — Part 22: Equipment to be Installed Outdoors
	-	UL 60950-23, first edition	Information Technology Equipment — Safety — Part 23: Large Data Storage Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
646	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 305, sixth edition	Panic Hardware
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 869A, fourth edition	Reference Standard for Service Equipment
	-	UL 891, twelfth edition	Switchboards

Article	Standard Number	Standard Title	
	-	UL 924, tenth edition	Emergency Lighting and Power Equipment
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1062, third edition	Unit Substations
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1655, second edition	Community-Antenna Television Cables
	-	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	-	UL 2755, second edition	Modular Data Centers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
647	UL 1598, fifth edition	Luminaires	
650	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
670	ANSI/CSA-C22.2 No. 19085-1	Woodworking machines — Safety — Part 1: Common requirements	
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
675	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	

Article	Standard Number	Standard Title	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
680	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 20, fourteenth edition	General Use Snap-Switches
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 379, first edition	Power Units for Fountain, Swimming Pool, and Spa Luminaires
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 676A, third edition	Potting Compounds for Swimming Pool, Fountain, and Spa Equipment
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1004-10, first edition	Pool Pump Motors
	-	UL 1081, seventh edition	Swimming Pool Pumps, Filters, and Chlorinators
	-	UL 1241, seventh edition	Junction Boxes for Swimming Pool Luminaires
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1261, sixth edition	Electric Water Heaters for Pools and Tubs
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1795, fifth edition	Hydromassage Bathtubs
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
	-	UL 2452, first edition	Electric Swimming Pool and Spa Cover Operators
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2995, first edition	Lifts for Swimming Pools and Spas
	-	UL 60335-2-1000, first edition	Household and Similar Electrical Appliances: Particular Requirements for Electrically Powered Pool Lifts
682	UL 486D, seventh edition	Sealed Wire Connector Systems	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1838, third edition	Low Voltage Landscape Lighting Systems
690	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems	
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1703, third edition	Flat-Plate Photovoltaic Modules and Panels
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables

Article	Standard Number	Standard Title	
	-	UL 3703, first edition	Solar Trackers
	-	UL 3730, first edition	Photovoltaic Junction Boxes
	-	UL 3741, first edition	Photovoltaic Hazard Control
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	-	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements for Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements for Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
692	UL 2262, second edition	Fuel Cell Modules for Use in Portable and Stationary Equipment	
	-	UL 2262A, second edition	Borohydride Fuel Cartridges with Integral Fuel Processing for Use with Portable Fuel Cell Power Systems or Similar Equipment
	-	UL 2265, first edition	Fuel Cell Power Units and Fuel Storage Containers for Portable Devices
	-	UL 2265C, first edition	Hand-Held or Hand-Transportable Alkaline (Direct Borohydride) Fuel Cell Power Units and Borohydride Fuel Cartridges For Use With Consumer Electronics or Information Technology Equipment
	-	UL 2266, first edition	Electromagnetic Compatibility, Electrical Safety, and Physical Protection of Stationary and Portable Fuel Cell Power Systems for Use with Commercial Network Telecommunications Equipment

Article	Standard Number	Standard Title	
	-	UL 2267, third edition	Fuel Cell Power Systems for Installation in Industrial Electric Trucks
694	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 489C, first edition	Molded-Case Circuit Breakers and Molded-Case Switches for Use with Wind Turbines
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2277, fifth edition	Flexible Motor Supply Cable and Wind Turbine Tray Cable
	-	UL 2736, first edition	Single Pole Separable Interconnecting Cable Connectors for Use with Wind Turbine Generating Systems
	-	UL 4143, first edition	Wind Turbine Generator — Life Time Extension (LTE)
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
695	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 218, third edition	Fire Pump Controllers
	-	UL 448, twelfth edition	Centrifugal Stationary Pumps for Fire-Protection Service
	-	UL 448B, second edition	Residential Fire Pumps Intended for One- and Two-Family Dwellings and Manufactured Homes
	-	UL 448C, second edition	Stationary, Rotary-Type, Positive-Displacement Pumps for Fire Protection Service
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1004-5, second edition	Fire Pump Motors
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
700	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
701	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
702	UL 98, fourteenth edition	Enclosed and Dead-Front Switches	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
705	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2200, third edition	Stationary Engine Generator Assemblies

Article	Standard Number	Standard Title	
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
706	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses	
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 489H, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures, for Use with Direct Current (DC) Microgrids
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures

Article	Standard Number	Standard Title	
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 9540, third edition	Energy Storage Systems and Equipment
708	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
710	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources	
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 62109-1, first edition	Power Converters for use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
722	UL 13, fourth edition	Power-Limited Circuit Cables	

Article	Standard Number	Standard Title	
	-	UL 444, fifth edition	Communications Cables
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2044, fourth edition	Commercial Closed-Circuit Television Equipment
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
725	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 9990, first edition	Information and Communication Technology (ICT) Power Cables
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 61010-2-201, second edition	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-201: Particular Requirements for Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
726	UL 1400-1, first edition	Fault-Managed Power Systems — 1 General Requirements	
	-	UL 1400-2, first edition	Fault-Managed Power Systems — 2 Requirements for Cables
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
728	UL 5, fifteenth edition	Surface Metal Raceways and	

Article	Standard Number	Standard Title	
		Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 568, first edition	Nonmetallic Cable Tray Systems
	-	UL 884, thirteenth edition	Underfloor Raceways and Fittings
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
750	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	-	UL 497A, third edition	Secondary Protectors for Communication Circuits
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire-Alarm Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
760	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems	
	-	UL 268A, fourth edition	Smoke Detectors for Duct Application
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 497B, fourth edition	Protectors for Data Communication and Fire Alarm Circuits
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1425, third edition	Cables for Non–Power-Limited Fire-Alarm Circuits
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories

Article	Standard Number	Standard Title	
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
800	UL 444, fifth edition	Communications Cables	
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 489A, first edition	Circuit Breakers for Use in Communication Equipment
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 498A, second edition	Current Taps and Adapters
	-	UL 523, second edition	Telephone Service Drop Wire
	-	UL 568, first edition	Nonmetallic Cable Tray Systems
	-	UL 723, eleventh edition	Test for Surface Burning Characteristics of Building Materials
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 1863, fourth edition	Communication-Circuit Accessories
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces

Article	Standard Number	Standard Title	
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 60950-1, second edition	Information Technology Equipment
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
810	UL 150, fourth edition	Antenna Rotators	
	-	UL 452, seventh edition	Antenna-Discharge Units
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
820	UL 444, fifth edition	Communications Cables	
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 1655, second edition	Community-Antenna Television Cables
830	UL 444, fifth edition	Communications Cables	
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
Tables 11(A) and 11(B)	UL 1310, seventh edition	Class 2 Power Units	
	UL 1434, first edition	Thermistor-Type Devices	
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers	
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements	

Article	Standard Number	Standard Title
Tables 12(A) and 12(B)	UL 1310, seventh edition	Class 2 Power Units
	UL 1434, first edition	Thermistor-Type Devices
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements

Table A.1(3) Product Safety Standards for Conductors and Equipment That Do Not Have an Associated Listing Requirement and Other Referenced Publications

Article	Standard Number	Standard Title	
110	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
	-	UL 969, fifth edition	Marking and Labeling Systems
	-	UL 9691, first edition	Recommended Practice for Nameplates for Use in Electrical Installations
210	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
215	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
240	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
245	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	NEMA C37.54	NEMA Standard Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
265	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless

Article	Standard Number	Standard Title	
			Steel
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
300	UL 635, third edition	Insulating Bushings	
314	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
320	UL 514A, eleventh edition	Metallic Outlet Boxes	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
322	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
324	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
330	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
332	UL 1565, sixth edition	Positioning Devices	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
334	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	

Article	Standard Number	Standard Title	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
335	UL 2250, third edition	Instrumentation Tray Cable	
337	UL 1565, sixth edition	Positioning Devices	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
340	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	
342	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
344	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
348	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
350	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
352	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
353	UL 635, third edition	Insulating Bushings	
355	UL 635, third edition	Insulating Bushings	

Article	Standard Number	Standard Title	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
356	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
358	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
362	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
368	UL 857, thirteenth edition	Busways	
392	UL 568, first edition	Nonmetallic Cable Tray Systems	
400	NEMA WC 58-2017	Portable and Power Feeder Cables for Use in Mines and Similar Applications	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1680, second edition	Stage and Lighting Cables -
	UL 2137, second edition	Data Center Power Cables	
	UL 2263, first edition	Electric Vehicle Cable	
402	UL 66, third edition	Fixture Wire	
408	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
409	UL 1436, sixth edition	Outlet Circuit Testers and Other Similar Indicating Devices	
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-

Article	Standard Number	Standard Title	
			30: Particular Requirements for Testing and Measuring Circuits
424	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
	-	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	-	UL 1995, fifth edition	Heating and Cooling Equipment
	-	UL 1996, fourth edition	Electric Duct Heaters
	-	UL 60335-1, sixth edition	Safety of Household and Similar Electrical Appliances, Part 1: General Requirements
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2–40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
425	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
426	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units	
427	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications	
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 248-13, third edition	Low Voltage Fuses — Part 13: Semiconductor Fuses	
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
445	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
-	-	-	
450	IEEE C57.12.00	IEEE Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers	
	-	IEEE C57.12.28	IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity
	-	IEEE C57.12.29	IEEE C57.12.29 IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity for Coastal Environments
	-	IEEE C57.16	IEEE Standard for Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements

Article	Standard Number	Standard Title	
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 1561, fourth edition	Dry-Type General Purpose and Power Transformers
	-	UL 1562, fourth edition	Transformers, Distribution, Dry-Type Over 600 Volts
	-	UL 5085, second edition	Low Voltage Transformers — Part 2: General Purpose Transformers
460	UL 810, sixth edition	Capacitors	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
	-	UL 60384-14, second edition	Fixed Capacitors for Use in Electronic Equipment — Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains
470	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
495	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.20.2	IEEE Standard for Metal-Clad Switchgear
	-	IEEE C37.20.3	IEEE Standard for Metal-Enclosed Interrupter Switchgear (1 kV–38 kV)
	-	IEEE C37.20.4	IEEE Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear
	-	IEEE C37.20.6	IEEE Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in Enclosures
	-	IEEE C37.20.9	IEEE Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems
	-	IEEE C37.23	IEEE Standard for Metal-Enclosed Bus
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and

Article	Standard Number	Standard Title	
			Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.59	IEEE Standard for Requirements for Conversion of Power Switchgear Equipment
	-	IEEE C37.60	IEEE International Standard — High-voltage switchgear and controlgear — Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV
	-	IEEE C37.74	IEEE Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV
	-	NEMA C37.54	American National Standard for Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
	-	NEMA C37.55	American National Standard for Switchgear — Medium Voltage Metal-Clad Assemblies — Conformance Test Procedures
	-	NEMA C37.57	American National Standard for Switchgear — Metal-Enclosed Interrupter Switchgear Assemblies — Conformance Testing
	-	NEMA C37.58	American National Standard for Switchgear — Indoor AC Medium Voltage Switches for Use in Metal-Enclosed Switchgear — Conformance Test Procedures
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	-	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15KV
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 2748, first edition	Arcing Fault Quenching Equipment
	-	UL 2877, fourth edition	Power Supplies, Medium Voltage
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
500	ANSI/IEEE C2	National Electrical Safety Code, Section 127A, Coal Handling Areas	
	-	ANSI/UL 121203	Recommended Practice for Portable/Personal Electronic Products Suitable for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2, Class III, Division 1, Class III, Division 2,

Article	Standard Number	Standard Title	
			Zone 21 and Zone 22 Hazardous (Classified) Locations
	-	API RP 14F	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Division 1 and Division 2 Locations
	-	API RP 500	Recommended Practice for Classification of Locations of Electrical Installations at Petroleum Facilities Classified as Class I, Division 1 and Division 2
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASHRAE 15	Safety Standard for Refrigeration Systems.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	IEEE 844.2	Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	IEEE/IEC International Standard for Explosive atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation, and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	-	ISA-12.10	Area Classification in Hazardous (Classified) Dust Locations
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 32-2021	Standard for Drycleaning Facilities
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 35-2021	Standard for the Manufacture of Organic Coatings
	-	NFPA 36-2025	Standard for Solvent Extraction Plants
	-	NFPA 45-2024	Standard on Fire Protection for Laboratories Using Chemicals
	-	NFPA 55-2026	Compressed Gases and Cryogenic Fluids Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code

Article	Standard Number	Standard Title	
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installation in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	-	NFPA 820-2024	Standard for Fire Protection in Wastewater Treatment and Collection Facilities
	-	UL 60079-29-2, second edition	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	-	UL 120002, second edition	Recommended Practice for Certificates for Equipment for Hazardous (Classified) Locations
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
-	-	-	
501	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
-	-	-	
503	NFPA 505-2024	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	
504	ISA-RP 12.06.01	Recommended Practice for Wiring Methods for Hazardous (Classified) Locations Instrumentation — Part 1: Intrinsic Safety	
505	ANSI/API RP 14FZ	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Zone 0, Zone 1, and Zone 2 Locations	
	-	API RP 505	Recommended Practice for Classification of Locations for Electrical

Article	Standard Number	Standard Title	
			Installations at Petroleum Facilities Classified as Class I, Zone 0, Zone 1, and Zone 2
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	EI 15	Model Code of Safe Practice, Part 15: Area Classification Code for Installations Handling Flammable Fluids
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	-	ISA-60079-10-1 (12.24.01)	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive gas atmospheres
	-	ISA-60079-29-2	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	-	UL 80079-20-1, first edition	Explosive Atmospheres — Part 20-1: Material Characteristics for Gas and Vapour Classification — Test Methods and Data
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases

Article	Standard Number	Standard Title	
506	ASME B1.20.1	Pipe Threads, General Purpose (Inch)	
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	-	ISA-60079-10-2 (12.10.05)	Explosive Atmospheres — Part 10-2: Classification of Areas — Combustible Dust Atmospheres
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
511	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages	
	-	NFPA 88A-2023	Standard for Parking Structures
512	ICC IFC	International Fire Code	
	-	NFPA 1-2023	Fire Code
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 36-2025	Standard for Solvent Extraction Plants
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 70B-2023	Standard for Electrical Equipment Maintenance
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
513	NFPA 30-2024	Flammable and Combustible Liquids Code	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 409-2022	Standard on Aircraft Hangars
514	NFPA 2-2023	Hydrogen Technologies Code	
	-	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages
	-	NFPA 52-2023	Vehicular Natural Gas Fuel Systems Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 303-2026	Fire Protection Standard for Marinas and Boatyards

Article	Standard Number	Standard Title	
515	NFPA 30-2024	Flammable and Combustible Liquids Code	
516	NFPA 13-2025	Standard for the Installation of Sprinkler Systems	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 91-2026	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids
	-	NFPA 701-2023	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
620	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 66, third edition	Fixture Wire
	-	UL 504, third edition	Mineral-Insulated, Metal Sheathed Cable
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1569, fifth edition	Metal-Clad Cables
625	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
630	UL 1276, third edition	Welding Cable	
650	UL 1651, fourth edition	Optical Fiber Cable	
660	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
668	UL 4, fifteenth edition	Armored Cable	
	-	UL 62, twentieth edition	Flexible Cords and Cables
670	UL 1740, fourth edition	Standard for Robots and Robotic Equipment	
	-	UL 2011, seventh edition	Machinery
	-	UL 3100, first edition	Automated Mobile Platforms (AMPs)
675	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1263, sixth edition	Irrigation Cable

Article	Standard Number	Standard Title	
690	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
691	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
692	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
694	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
700	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits	
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
701	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
	-	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
702	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
705	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
708	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
710	UL 3001, first edition	Distributed Energy Generation and Storage Systems	

Statement of Problem and Substantiation for Public Input

Data Center Power Cables, Type DCPC are proposed to be added to Table 400.4 and 400.5(A)(2). These cables are listed to UL 2137, titled Data Canter Power Cables. Therefore, this standard is proposed to be added to Annex A.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1335-NFPA 70-2026 [Section No. 400.4]	
Public Input No. 1336-NFPA 70-2026 [Section No. 400.5(A)]	
Public Input No. 1335-NFPA 70-2026 [Section No. 400.4]	
Public Input No. 1336-NFPA 70-2026 [Section No. 400.5(A)]	

Submitter Information Verification

Submitter Full Name: Susan Stene
Organization: UL LLC
Street Address:
City:
State:
Zip:

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A.1 Referenced Publications.

Table A.1(1), Table A.1(2), and Table A.1(3) provide a list of publications that are referenced in this code. These references are current at the time of publication. New publications or modifications to existing publications can occur at any time while this edition of the code is in effect.

Table A.1(1) provides a list of NFPA publications referenced in this code. Table A.1(2) provides a list of product safety standards used for product listing where that listing is required by this code. Table A.1(3) provides a list of other publications referenced in this code.

Table A.1(1) NFPA Standards Referenced in NEC

Standard Number	Standard Title	Current Edition	Extract Edition
1	Fire Code	2024	-
2	Hydrogen Technologies Code	2023	-
13	Standard for the Installation of Sprinkler Systems	2025	-
13D	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	2025	-
20	Standard for the Installation of Stationary Pumps for Fire Protection	2025	2025
30	Flammable and Combustible Liquids Code	2024	-
30A	Code for Motor Fuel Dispensing Facilities and Repair Garages	2024	2024
32	Standard for Drycleaning Facilities	2021	-
33	Standard for Spray Application Using Flammable or Combustible Materials	2024	2024
34	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids	2024	2024
35	Standard for the Manufacture of Organic Coatings	2021	-
36	Standard for Solvent Extract Plants	2025	-
37	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines	2024	-
40	Standard for the Storage and Handling of Cellulose Nitrate Film	2025	-
45	Standard on Protection for Laboratories Using Chemicals	2024	-
52	Vehicular Natural Gas Fuel Systems Code	2026	-
54	National Fuel Gas Code	2024	-
55	Compressed Gases and Cryogenic Fluids Code	2026	-
58	Liquified Petroleum Gas Code	2024	-
59	Utility LP-Gas Plant Code	2024	-
70	National Electrical Code®	2026	-
70B	Standard for Electrical Equipment Maintenance	2023	-
70E®	Standard for Electrical Safety in the Workplace®	2024	-
72	National Fire Alarm and Signaling Code®	2025	-
75	Standard for the Fire Protection of Information Technology Equipment	2024	2024
77	Recommended Practice on Static Electricity	2024	-
79	Electrical Standard for Industrial Machinery	2024	2024
80	Standard for Fire Doors and Other Opening Protectives	2025	-
88A	Standard for Parking Structures	2023	-
90A	Standard for the Installation of Air-Conditioning and Ventilating Systems	2024	-
90B	Standard for the Installation of Warm Air Heating and Air-Conditioning Systems	2024	-

Standard Number	Standard Title	Current Edition	Extract Edition
91	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids	2026	-
99	Health Care Facilities Code	2024	2024
101®	Life Safety Code®	2024	2024
110	Standard for Emergency and Standby Power Systems	2025	2025
111	Standard for Stored Electrical Energy Emergency and Standby Power Systems	2025	-
220	Standard on Types of Building Construction	2024	-
262	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces	2023	-
303	Fire Protection Standard for Marinas and Boatyards	2026	2021
307	Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves	2021	2021
409	Standard on Aircraft Hangers	2022	-
496	Standard for Purged and Pressurized Enclosures for Electrical Equipment	2024	-
497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	-
499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	2024
505	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	2024	-
701	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films	2023	-
730	Guide for Premises Security	2023	-
780	Standard for the Installation of Lightning Protection Systems	2026	-
790	Standard for the Competency of Third-Party Field Evaluation Bodies	2024	2024
820	Standard for Fire Protection in Wastewater Treatment and Collection Facilities	2024	-
853	Standard for the Installation of Stationary Fuel Cell Power Systems	2025	-
855	Standard for the Installation of Stationary Energy Storage Systems	2026	-
1192	Standard on Recreational Vehicles	2026	2021
1660	Standard for Emergency, Continuity, and Crisis Management: Preparedness, Response, and Recovery	2024	-
5000	Building Construction and Safety Code®	2024	-

Table A.1(2) Product Safety Standards for Conductors and Equipment That Have an Associated Listing Requirement

Article	Standard Number	Standard Title
110	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies

Article	Standard Number	Standard Title	
	-	UL 305, sixth edition	Panic Hardware
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
130	UL 916, fifth edition	Energy Management Equipment	
	-	UL 3141, first edition	Power Control Systems
210	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground Fault Circuit Interrupters
	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters
225	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
230	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 218, third edition	Fire Pump Controllers

Article	Standard Number	Standard Title	
	-	UL 231, tenth edition	Power Outlets
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 414, ninth edition	Meter Sockets
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 857, thirteenth edition	Busways
	-	UL 869A, fourth edition	Reference Standard for Service Equipment
	-	UL 891, twelfth edition	Switchboards
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1062, third edition	Unit Substations
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit

Article	Standard Number	Standard Title	
	-	UL 1740, fourth edition	Robots and Robotic Equipment
	-	UL 1953, seventh edition	Power Distribution Blocks
	-	UL 2011, seventh edition	Machinery
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2416, first edition	Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems
	-	UL 2446, first edition	Unitary Boiler Room Systems
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 2735, first edition	Electric Utility Meters
	-	UL 2745, first edition	Meter Socket Adapters for Communications Equipment
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
	-	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
240	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements	
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 2: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-11, third edition	Low-Voltage Fuses — Part 11: Plug Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses

Article	Standard Number	Standard Title	
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures
	-	UL 489I, second edition	Solid State Molded-Case Circuit Breakers
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
242	UL 1449, fifth edition	Surge Protective Devices	
250	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 153, thirteenth edition	Portable Electric Luminaires
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel

Article	Standard Number	Standard Title	
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1652, third edition	Flexible Metallic Tubing
270	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
300	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 263, fourteenth edition	Fire Tests of Building Construction and Materials
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords

Article	Standard Number	Standard Title	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
310	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 83B, first edition	Switchboard and Switchgear Wires and Cables
	-	UL 224, seventh edition	Extruded Insulating Tubing
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 854, twelfth edition	Service-Entrance Cables
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1441, fifth edition	Coated Electrical Sleeving
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
312	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2808, first edition	Energy Monitoring Equipment
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-030: Particular Requirements for Testing and Measuring Circuits
314	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations

Article	Standard Number	Standard Title	
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 1953, seventh edition	Power Distribution Blocks
315	ANSI C119.4	Electric Connectors — Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93ºC and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100ºC	
	-	IEEE 48	IEEE Standard for Test Procedures and Requirements for Alternating-Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV
	-	IEEE 386	IEEE Standard for Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV
	-	IEEE 404	IEEE Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2.5 kV to 500 kV
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 1072, fourth edition	Medium Voltage Power Cables

Article	Standard Number	Standard Title	
	-	UL 1569, fifth edition	Metal-Clad Cables
320	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
322	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
324	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
330	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
332	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable	
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
334	UL 719, thirteenth edition	Nonmetallic-Sheathed Cables	
	-	UL 2256, first edition	Nonmetallic Sheathed Cable Interconnects
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
335	UL 2250, third edition	Instrumentation Tray Cable	
336	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members

Article	Standard Number	Standard Title	
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
337	UL 1309A, first edition	Cable for Use in Mobile Installations	
338	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 854, twelfth edition	Service-Entrance Cables
340	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
342	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
344	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
348	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
350	UL 360, seventh edition	Liquid-Tight Flexible Steel Conduit	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
352	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings	
353	UL 651A, sixth edition	High Density Polyethylene (HDPE) Conduit	
354	UL 1990, fourth edition	Nonmetallic Underground HDPE Conduit with Conductors	
355	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings	
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
	-	UL 2515A, first edition	Supplemental Requirements for Extra-Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
356	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
358	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
360	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1652, third edition	Flexible Metallic Tubing
362	UL 1653, third edition	Electrical Nonmetallic Tubing	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
366	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
368	UL 509, second edition	Bus Drop Cable	
370	ANSI/CSA C22.2 No. 273	Cablebus	
371	UL 1386, first edition	Flexible Bus Systems	
	-	UL 1387, first edition	Flexible Insulated Bus
374	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings	
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
376	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
	-	UL 1953, seventh edition	Power Distribution Blocks
378	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
382	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	

Article	Standard Number	Standard Title	
	-	UL183, fourth edition	Manufactured Wiring Systems
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 498M, first edition	Marine Shore Power Inlets
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 991, third edition	Tests for Safety-Related Controls Employing Solid-State Devices
	-	UL 1077, seventh edition	Supplementary Protectors for Use in Electrical Equipment
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1998, third edition	Software in Programmable Components
384	UL 5B, second edition	Strut-Type Channel Raceways and Fittings	
386	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
388	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	
392	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations	
393	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1310, seventh edition	Class 2 Power Units

Article	Standard Number	Standard Title	
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 2577, first edition	Suspended Ceiling Power Grid Systems and Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
396	UL 1072, fourth edition	Medium-Voltage Power Cables	
404	ANSI/NEMA WD 6–2016	Wiring Devices — Dimensional Specifications	
	-	UL 20, fourteenth edition	General-Use Snap Switches
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 98A, second edition	Open-Type Switches
	-	UL 363, eleventh edition	Knife Switches
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 773, fifth edition	Plug-In Locking Type Photocontrols for Use with Area Lighting
	-	UL 773A, sixth edition	Nonindustrial Photoelectric Switches for Lighting Control
	-	UL 917, fifth edition	Clock-Operated Switches
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1472, second edition	Solid-State Dimming Controls
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-7, third edition	Automatic Electrical Controls — Part 2–7: Particular Requirements for Timers and Time Switches
406	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection

Article	Standard Number	Standard Title		
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts	
	-	UL 498M, first edition	Marine Shore Power Inlets	
	-	UL 514A, eleventh edition	Metallic Outlet Boxes	
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers	
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters	
	-	UL 943B, third edition	Appliance Leakage-Current Interrupters	
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters	
	-	UL 970, first edition	Retail Fixtures and Merchandise Displays	
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
	-	UL 1286, sixth edition	Office Furnishings Systems	
	-	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1682, fifth edition	Plugs, Receptacles, and Cable Connectors, of the Pin and Sleeve Type	
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors	
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters	
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters	
	-	-	-	See 406.4(D)(4)(1)
	-	UL 2999, first edition	Individual Commercial Office Furnishings	
408	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables		
	-	UL 67, thirteenth edition	Panelboards	
	-	UL 891, twelfth edition	Switchboards	
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear	
409	UL 508, eighteenth edition	Industrial Control Equipment		
	-	UL 508A, third edition	Industrial Control Panels	
410	ANSI/CSA-C22.2 No. 184.2	Solid-State Controls for Lighting Systems (SSCLS)		

Article	Standard Number	Standard Title	
	-	UL 153, thirteenth edition	Portable Electric Luminaires
	-	UL 496, fourteenth edition	Lampholders
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 542, ninth edition	Fluorescent Lamp Starters
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 970, first edition	Retail Fixtures and Merchandising Displays
	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1029A, first edition	Ignitors and Related Auxiliaries for HID Lamp Ballasts
	-	UL 1574, third edition	Track Lighting Systems
	-	UL 1598, fifth edition	Luminaires
	-	UL 1598B, first edition	Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires, Supplemental Requirements
	-	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
	-	UL 1993, sixth edition	Self-Ballasted Lamps and Lamp Adapters
	-	UL 2388, second edition	Flexible Lighting Products
	-	UL 8750, second edition	Light Emitting Diode (LED) Equipment for Use in Lighting Products
	-	UL 8752, second edition	Organic Light Emitting Diode (OLED) Panels
	-	UL 8753, second edition	Field-Replaceable Light Emitting Diode (LED) Light Engines
	-	UL 8754, second edition	Holders, Bases and Connectors for Solid-State (LED) Light Engines and Arrays
	-	UL 8800, first edition	Horticultural Lighting Equipment and Systems

Article	Standard Number	Standard Title	
	-	UL 8802, first edition	Ultraviolet (UV) Germicidal Equipment and Systems
	-	UL 8803, first edition	Portable UV Germicidal Equipment With Uncontained UV Sources
411	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1838, third edition	Low-Voltage Landscape Lighting Systems
	-	UL 2108, second edition	Low-Voltage Lighting Systems
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
422	ANSI/CSA-C22.2 No. 339	Hand-held motor-operated electric tools — Safety — Particular requirements for chain beam saws	
	-	UL 22, sixth edition	Amusement and Gaming Machines
	-	UL 73, tenth edition	Motor-Operated Appliances
	-	UL 82, ninth edition	Electric Gardening Appliances
	-	UL 122, fifth edition	Photographic Equipment
	-	UL 141, ninth edition	Garment Finishing Appliances
	-	UL 174, eleventh edition	Household Electric Storage Tank Water Heaters
	-	UL 197, tenth edition	Commercial Electric Cooking Appliances
	-	UL 283, third edition	Air Fresheners and Deodorizers
	-	UL 325, seventh edition	Door, Drapery, Gate, Louver, and Window Operators and Systems
	-	UL 399, eighth edition	Drinking Water Coolers
	-	UL 430, eighth edition	Waste Disposers
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 499, fourteenth edition	Electric Heating Appliances
	-	UL 507, tenth edition	Electric Fans
	-	UL 514A, eleventh edition	Metallic Outlet Boxes

Article	Standard Number	Standard Title	
	-	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications
	-	UL 561, seventh edition	Floor Finishing Machines
	-	UL 574, eighth edition	Electric Oil Heaters
	-	UL 621, seventh edition	Ice Cream Makers
	-	UL 705, seventh edition	Power Ventilators
	-	UL 710B, second edition	Recirculating Systems
	-	UL 749, twelfth edition	Household Dishwashers
	-	UL 751, ninth edition	Vending Machines
	-	UL 763, fifth edition	Motor-Operated Commercial Food Preparing Machines
	-	UL 778, sixth edition	Motor-Operated Water Pumps
	-	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
	-	UL 858, sixteenth edition	Household Electric Ranges
	-	UL 859, eleventh edition	Household Electric Personal Grooming Appliances
	-	UL 875, tenth edition	Electric Dry-Bath Heaters
	-	UL 921, eighth edition	Commercial Dishwashers
	-	UL 923, seventh edition	Microwave Cooking Appliances
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 962, fifth edition	Household and Commercial Furnishings
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 979, second edition	Water Treatment Appliances
	-	UL 982, eighth edition	Motor-Operated Household Food Preparing Machines
	-	UL 987, eighth edition	Stationary and Fixed Electric Tools
	-	UL 1017, tenth edition	Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines
	-	UL 1026, sixth edition	Household Electric Cooking and Food Serving Appliances
	-	UL 1086, sixth edition	Household Trash Compactors
	-	UL 1090, seventh edition	Electric Snow Movers
	-	UL 1206, fourth edition	Electric Commercial Clothes-Washing Equipment

Article	Standard Number	Standard Title	
	-	UL 1240, fourth edition	Electric Commercial Clothes-Drying Equipment
	-	UL 1278, fourth edition	Movable and Wall- or Ceiling-Hung Electric Room Heaters
	-	UL 1447, sixth edition	Electric Lawn Mowers
	-	UL 1450, fourth edition	Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment
	-	UL 1453, sixth edition	Electric Booster and Commercial Storage Tank Water Heaters
	-	UL 1576, second edition	Flashlights and Lanterns
	-	UL 1594, fourth edition	Sewing and Cutting Machines
	-	UL 1647, sixth edition	Motor-Operated Massage and Exercise Machines
	-	UL 1727, fifth edition	Commercial Electric Personal Grooming Appliances
	-	UL 1776, third edition	High-Pressure Cleaning Machines
	-	UL 2157, fourth edition	Electric Clothes Washing Machines and Extractors
	-	UL 2158, sixth edition	Electric Clothes Dryers
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 60335-2-3, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-3: Particular Requirements for Electric Irons
	-	UL 60335-2-8, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-8: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances
	-	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances, and Ice-Makers
-		UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60335-2-67, second edition	Household and Similar Electrical Appliances — Safety — Part 2-67: Particular Requirements for Floor Treatment Machines, For Commercial Use
	-	UL 60335-2-68, first edition	Household and Similar Electrical Appliances — Safety — Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use
	-	UL 60335-2-79, first edition	Household and Similar Electrical Appliances — Safety — Part 2-79: Particular Requirements for High Pressure Cleaners and Steam Cleaners

Article	Standard Number	Standard Title	
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
	-	UL 60745-1, fourth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 1: General Requirements
	-	UL 60745-2-1, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-1: Particular Requirements for Drills and Impact Drills
	-	UL 60745-2-2, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches
	-	UL 60745-2-3, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-3: Particular Requirements for Grinders, Polishers, and Disk-Type Sanders
	-	UL 60745-2-4, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type
	-	UL 60745-2-5, fifth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-5: Particular Requirements for Circular Saws
	-	UL 60745-2-6, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-6: Particular Requirements for Hammers
	-	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements for Shears and Nibblers
	-	UL 60745-2-9, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-9: Particular Requirements for Tappers
	-	UL 60745-2-11, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-11: Particular Requirements for Reciprocating Saws
	-	UL 60745-2-12, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-12: Particular Requirements For Concrete Vibrators
	-	UL 60745-2-13, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-13: Particular Requirements For Chain Saws
	-	UL 60745-2-14, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-14: Particular Requirements for Planers
	-	UL 60745-2-15, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-15: Particular Requirements for Hedge Trimmers
	-	UL 60745-2-16, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-16: Particular Requirements for Tackers
	-	UL 60745-2-17, third edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-17: Particular Requirements for Routers and Trimmers
	-	UL 60745-2-18, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-18: Particular

Article	Standard Number	Standard Title	
			Requirements For Strapping Tools
	-	UL 60745-2-19, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-19: Particular Requirements for Jointers
	-	UL 60745-2-20, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-20: Particular Requirements for Band Saws
	-	UL 60745-2-21, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-21: Particular Requirements For Drain Cleaners
	-	UL 60745-2-22, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-22: Particular Requirements for Cut-Off Machines
	-	UL 60745-2-23, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-23: Particular Requirements for Die Grinders and Small Rotary Tools
	-	UL 62841-1, first edition	Electric Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
-		UL 62841-2-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	-	UL 62841-2-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-2: Particular Requirements For Hand-Held Screwdrivers And Impact Wrenches
	-	UL 62841-2-3, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Disk-Type Polishers, and Disk-Type Sanders
	-	UL 62841-2-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	-	UL 62841-2-5, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	-	UL 62841-2-8, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	-	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders

Article	Standard Number	Standard Title	
	-	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	-	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	-	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	-	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	-	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	-	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	-	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
	-	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	-	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws
	-	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10: Particular Requirements for Transportable Cut-Off Machines
	-	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular Requirements for Transportable Threading Machines
	-	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13:

Article	Standard Number	Standard Title	
			Particular Requirements For Transportable Drills
	-	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular Requirements for Transportable Drain Cleaners
	-	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	-	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	-	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	-	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
424	UL 499, fourteenth edition	Electric Heating Appliances	
	-	UL 1042, fifth edition	Electric Baseboard Heating Equipment
	-	UL 1673, third edition	Electric Space Heating Cables
	-	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	-	UL 1995, fifth edition	Heating and Cooling Equipment
	-	UL 1996, fourth edition	Electric Duct Heaters
	-	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
	-	UL 2683, first edition	Electric Heating Products for Floor and Ceiling Installation
425	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
426	IEEE 515	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications	
	-	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units

Article	Standard Number	Standard Title	
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
427	IEEE 515-2017	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications	
	-	UL 515, second edition	Electrical Resistance Trace Heat for Commercial Applications
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
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Article	Standard Number	Standard Title	
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	-	UL 60745-2-1, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	-	UL 60745-2-2, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-2: Particular Requirements For Screwdrivers And Impact Wrenches
	-	UL 60745-2-3, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Polishers, and Disk-Type Sanders
	-	UL 60745-2-4, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	-	UL 60745-2-5, fifth edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	-	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
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	-	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	-	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	-	UL 60947-5-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-1: Control Circuit Devices and Switching Elements — Electromechanical Control Circuit Devices
	-	UL 60947-5-2, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-2: Control Circuit Devices and

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			Switching Elements — Proximity Switches
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	-	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders
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	-	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	-	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	-	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	-	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	-	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	-	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
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			Particular requirements for Transportable Cut-Off Machines
	-	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular requirements for Transportable Threading Machines
	-	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13: Particular Requirements For Transportable Drills
	-	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular requirements for Transportable Drain Cleaners
	-	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	-	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	-	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	-	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
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	-	UL 416, fourth edition	Refrigerated Medical Equipment
	-	UL 484, ninth edition	Room Air Conditioners
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
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	-	UL 563, eighth edition	Ice Makers
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1995, fifth edition	Heating and Cooling Equipment

Article	Standard Number	Standard Title	
	-	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60335-2-89, second edition	Household and Similar Electrical Appliances — Safety — Part 2-89: Particular Requirements for Commercial Refrigerating Appliances and Ice Makers with an Incorporated or Remote Refrigerant Unit or Compressor
	-	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	-	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	-	UL 61800-5-2, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-2: Safety Requirements — Functional
445	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
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	-	UL 1973, third edition	Batteries for Use in Stationary and Motive Auxiliary Power Applications
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	-	UL 4127, second edition	Low Voltage Battery Cable
	-	UL 4128, fifth edition	Intercell and Intertier Connectors for use in Electrochemical Battery System Applications
495	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers	
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	-	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15kV
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
500	FM 121303	Guide for Use of Detectors for Flammable Gases	
	-	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
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	-	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations

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	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation.
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	-	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
501	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment

Article	Standard Number	Standard Title	
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
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	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
	-	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
502	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures —	

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		General, Testing, Marking, and Documentation Requirements	
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
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	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
503	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations

Article	Standard Number	Standard Title	
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
504	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations	
	-	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations
	-	UL 120202, first edition	Recommendations for the Preparation, Content, and Organization of Intrinsic Safety Control Drawings
505	FM 121303	Guide for Use of Detectors for Flammable Gases	
	-	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	-	UL 60079-1, seventh edition	Explosive Atmospheres — Part 1: Equipment Protection by Flameproof Enclosures “d”
	-	UL 60079-2, sixth edition	Explosive Atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-5, fourth edition	Explosive Atmospheres — Part 5: Type of Equipment Protectionby Powder Filling
	-	UL 60079-6, fourth edition	Explosive Atmospheres — Part 6: Equipment Protection by Liquid Immersion “o”
	-	UL 60079-7, fifth edition	Explosive Atmospheres — Part 7: Equipment Protection by Increased Safety “e”
	-	UL 60079-10-1, first edition	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive Gas Atmospheres
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety “i”

Article	Standard Number	Standard Title	
	-	UL 60079-13, second edition	Explosive Atmospheres — Part 13: Equipment Protection by Pressurized Room “p” and Artificially Ventilated Room “v”
	-	UL 60079-15, fifth edition	Explosive Atmospheres — Part 15: Equipment Protection by Type of Protection “n”
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	-	UL 60079-26, third edition	Explosive Atmospheres — Part 26: Equipment with Equipment Protection Level (EPL) Ga
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b”, Liquid Immersion “k”
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
506	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and	

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		Documentation Requirements	
	-	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	-	UL 60079-2, sixth edition	Explosive atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety "i"
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-31, second edition	Explosive Atmospheres — Part 31: Equipment Dust Ignition Protection by Enclosure “t”
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 62784, first edition	Vacuum Cleaners and Dust Extractors Providing Equipment Protection Level Dc for the Collection of Combustible Dusts — Particular Requirements
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b“, Liquid Immersion “k”
512	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations	

Article	Standard Number	Standard Title	
516	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials	
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
517	AAMI ES 60601-1	Medical electrical equipment — Part 1: General requirements for basic safety and essential performance	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1022, fifth edition	Line Isolation Monitors
	-	UL 1047, sixth edition	Isolated Power Systems Equipment
	-	UL 1286, sixth edition	Office Furnishing Systems
	-	UL 2930, first edition	Cord-and-Plug-connected Health Care Facility Outlet Assemblies
	-	UL 60601-1, first edition	Medical Electrical Equipment — Part 1: General Requirements for Safety
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
518	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts

Article	Standard Number	Standard Title	
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 2305, first edition	Exhibition Display Units, Fabrication and Installation
520	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 334, second edition	Theater Lighting Distribution and Control Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 891, twelfth edition	Switchboards
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
522	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 2250, third edition	Instrumentation Tray Cable
525	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
530	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1479-2-15, fourth edition	Fire Tests of Penetration Firestops
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1680, second edition	Stage and Lighting Cables
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors

Article	Standard Number	Standard Title	
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
540	UL 67, thirteenth edition	Panelboards	
	-	UL 943, fifth edition	Ground-Fault Circuit Interrupters
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
545	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 20, fourteenth edition	General Use Snap Switches
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
547	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 62, twentieth edition	Flexible Cords and Cables

Article	Standard Number	Standard Title	
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1598, fifth edition	Luminaires
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
550	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 307A, ninth edition	Liquid Fuel-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	-	UL 307B, fifth edition	Gas-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low-Voltage Lighting Systems
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
551	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1598, fifth edition	Luminaires

Article	Standard Number	Standard Title	
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2299, first edition	Ground Monitor Interrupters
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
552	SAE J1128-2015	Low Voltage Primary Cable, for Types GXL, HDT, and SXL	
	-	SAE J1127-2015	Low Voltage Battery Cable, for Types SGT and SGR
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for Use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 430, eighth edition	Waste Disposers
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 916, fifth edition	Energy Management Equipment

Article	Standard Number	Standard Title	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low Voltage Lighting Systems
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
555	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 231, tenth edition	Power Outlets
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1399, first edition	Leakage Current Measurement Devices for Use in Marina Applications
	-	UL 1650, first edition	Portable Power Cable
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
590	UL 496, fourteenth edition	Lampholders	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1088, seventh edition	Temporary Lighting Strings
	-	UL 1377, first edition	Wire used in Low Voltage Seasonal Lighting Products In Circuits With a

Article	Standard Number	Standard Title	
			Maximum Available Power of 15W
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
600	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 13, fourth edition	Power-Limited Circuit Cables
	-	UL 48, fifteenth edition	Electric Signs
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 814, twelfth edition	Gas-Tube-Sign Cable
	-	UL 879, ninth edition	Electric Sign Components
	-	UL 879A, first edition	LED Sign and Sign Retrofit Kits
	-	UL 879B, first edition	Polymeric Enclosure Systems for the Splice Between Neon Tubing Electrode Leads and GTO Cable, and the GTO Cable Leading to the Splice
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2161, second edition	Neon Transformers and Power Supplies
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground

Article	Standard Number	Standard Title	
			Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 3703, first edition	Solar Trackers
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements For Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements For Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: Particular Requirements for Inverters
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
604	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 183, fourth edition	Manufactured Wiring Systems
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit

Article	Standard Number	Standard Title	
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 857, thirteenth edition	Busways
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
605	UL 962, fifth edition	Household and Commercial Furnishings	
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 1286, sixth edition	Office Furnishings Systems
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 2999, first edition	Individual Commercial Office Furnishings
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
610	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 2273, second edition	Festoon Cable
620	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 104, twelfth edition	Elevator Door Locking Devices and Contacts
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-

Article	Standard Number	Standard Title	
			Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
624	~~UL 9741A~~	~~Onboard Electric Vehicle Power Export and Import Equipment~~	*Electrical Vehicle Supply Equipment*
			Electric Vehicle Charging System Equipment
		UL 2594, third edition	*Outline of Investigation for Wireless Power Transfer Equipment for Electric Vehicles*
		UL 2202, third edition	
		UL 2750, first edition	
625	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2202, third edition	DC Charging Equipment for Electric Vehicles
	-	UL 2231-1, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 1: General Requirements
	-	UL 2231-2, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 2: Particular Requirements for Protection Devices for Use in Charging Systems
	-	UL 2251-, fourth edition	Plugs, Receptacles and Couplers for Electrical Vehicles
	-	UL 2580, third edition	Batteries for Use in Electric Vehicles
	-	UL 2594, third edition	Electric Vehicle Supply Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
626	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 231, tenth edition	Power Outlets
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for

Article	Standard Number	Standard Title	
			Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1686, fifth edition	Pin and Sleeve Configurations
630	UL 551, eighth edition	Transformer-Type Arc-Welding Machines	
640	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 813, seventh edition	Commercial Audio Equipment
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1419, fourth edition	Professional Video and Audio Equipment
	-	UL 1492, second edition	Audio-Video Products and Accessories
	-	UL 1711, fourth edition	Amplifiers for Fire Protective Signaling Systems
	-	UL 2269, fourth edition	Optical Fiber/Communications/Signaling/Coaxial Cable Outlet Boxes
	-	UL 6500, second edition	Audio/Video and Musical Instrument Apparatus for Household, Commercial, and Similar General Use
	-	UL 60065, eighth edition	Audio, Video and Similar Electronic Apparatus — Safety Requirements
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
645	UL 38, eighth edition	Manual Signaling Boxes for Fire Alarm Systems	
	-	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems
	-	UL 444, fifth edition	Communications Cables
	-	UL 464, eleventh edition	Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire Alarm Circuits
	-	UL 833, first edition	Control Units and Accessories for Fire Alarm Systems
	-	UL 864, eleventh edition	Control Units and Accessories for Fire Alarm Systems

Article	Standard Number	Standard Title	
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1425, third edition	Cables for Non-Power-Limited Fire-Alarm Circuits
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1638, sixth edition	Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1690, fourth edition	Data-Processing Cable
	-	UL 1778, fifth edition	Uninterruptible Power Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 60950-1, second edition	Information Technology Equipment — Safety — Part 1: General Requirements
	-	UL 60950-21, first edition	Information Technology Equipment — Safety — Part 21: Remote Power Feeding
	-	UL 60950-22, second edition	Information Technology Equipment — Safety — Part 22: Equipment to be Installed Outdoors
	-	UL 60950-23, first edition	Information Technology Equipment — Safety — Part 23: Large Data Storage Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
646	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 305, sixth edition	Panic Hardware
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment

Article	Standard Number	Standard Title	
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 869A, fourth edition	Reference Standard for Service Equipment
	-	UL 891, twelfth edition	Switchboards
	-	UL 924, tenth edition	Emergency Lighting and Power Equipment
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1062, third edition	Unit Substations
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1655, second edition	Community-Antenna Television Cables
	-	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	-	UL 2755, second edition	Modular Data Centers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
647	UL 1598, fifth edition	Luminaires	
650	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
670	ANSI/CSA-C22.2 No. 19085-1	Woodworking machines — Safety — Part 1: Common requirements	
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements

Article	Standard Number	Standard Title	
			— Electrical, Thermal and Energy
675	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
680	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 20, fourteenth edition	General Use Snap-Switches
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 379, first edition	Power Units for Fountain, Swimming Pool, and Spa Luminaires
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 676A, third edition	Potting Compounds for Swimming Pool, Fountain, and Spa Equipment
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1004-10, first edition	Pool Pump Motors
	-	UL 1081, seventh edition	Swimming Pool Pumps, Filters, and Chlorinators
	-	UL 1241, seventh edition	Junction Boxes for Swimming Pool Luminaires
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1261, sixth edition	Electric Water Heaters for Pools and Tubs
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1569, fifth edition	Metal-Clad Cables

Article	Standard Number	Standard Title	
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1795, fifth edition	Hydromassage Bathtubs
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2452, first edition	Electric Swimming Pool and Spa Cover Operators
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2995, first edition	Lifts for Swimming Pools and Spas
	-	UL 60335-2-1000, first edition	Household and Similar Electrical Appliances: Particular Requirements for Electrically Powered Pool Lifts
682	UL 486D, seventh edition	Sealed Wire Connector Systems	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1838, third edition	Low Voltage Landscape Lighting Systems
690	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems	
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1703, third edition	Flat-Plate Photovoltaic Modules and Panels
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground

Article	Standard Number	Standard Title	
			Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 3703, first edition	Solar Trackers
	-	UL 3730, first edition	Photovoltaic Junction Boxes
	-	UL 3741, first edition	Photovoltaic Hazard Control
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	-	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements for Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements for Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
692	UL 2262, second edition	Fuel Cell Modules for Use in Portable and Stationary Equipment	
	-	UL 2262A, second edition	Borohydride Fuel Cartridges with Integral Fuel Processing for Use with Portable Fuel Cell Power Systems or Similar Equipment
	-	UL 2265, first edition	Fuel Cell Power Units and Fuel Storage Containers for Portable Devices
	-	UL 2265C, first edition	Hand-Held or Hand-Transportable Alkaline (Direct Borohydride) Fuel Cell Power Units and Borohydride Fuel Cartridges For Use With Consumer Electronics or Information Technology Equipment

Article	Standard Number	Standard Title	
	-	UL 2266, first edition	Electromagnetic Compatibility, Electrical Safety, and Physical Protection of Stationary and Portable Fuel Cell Power Systems for Use with Commercial Network Telecommunications Equipment
	-	UL 2267, third edition	Fuel Cell Power Systems for Installation in Industrial Electric Trucks
694	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 489C, first edition	Molded-Case Circuit Breakers and Molded-Case Switches for Use with Wind Turbines
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2277, fifth edition	Flexible Motor Supply Cable and Wind Turbine Tray Cable
	-	UL 2736, first edition	Single Pole Separable Interconnecting Cable Connectors for Use with Wind Turbine Generating Systems
	-	UL 4143, first edition	Wind Turbine Generator — Life Time Extension (LTE)
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
695	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 218, third edition	Fire Pump Controllers
	-	UL 448, twelfth edition	Centrifugal Stationary Pumps for Fire-Protection Service
	-	UL 448B, second edition	Residential Fire Pumps Intended for One- and Two-Family Dwellings and Manufactured Homes
	-	UL 448C, second edition	Stationary, Rotary-Type, Positive-Displacement Pumps for Fire Protection Service
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1004-5, second edition	Fire Pump Motors
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables

Article	Standard Number	Standard Title	
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
700	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
701	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
702	UL 98, fourteenth edition	Enclosed and Dead-Front Switches	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
705	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources

Article	Standard Number	Standard Title	
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
706	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses	
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 489H, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures, for Use with Direct Current (DC) Microgrids

Article	Standard Number	Standard Title	
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 9540, third edition	Energy Storage Systems and Equipment
708	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
710	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources	
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 62109-1, first edition	Power Converters for use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters

Article	Standard Number	Standard Title	
722	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 444, fifth edition	Communications Cables
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2044, fourth edition	Commercial Closed-Circuit Television Equipment
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
725	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 9990, first edition	Information and Communication Technology (ICT) Power Cables
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 61010-2-201, second edition	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-201: Particular Requirements for Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
726	UL 1400-1, first edition	Fault-Managed Power Systems — 1 General Requirements	
	-	UL 1400-2, first edition	Fault-Managed Power Systems — 2 Requirements for Cables
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods

Article	Standard Number	Standard Title	
728	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 568, first edition	Nonmetallic Cable Tray Systems
	-	UL 884, thirteenth edition	Underfloor Raceways and Fittings
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
750	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	-	UL 497A, third edition	Secondary Protectors for Communication Circuits
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire-Alarm Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
760	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems	
	-	UL 268A, fourth edition	Smoke Detectors for Duct Application
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 497B, fourth edition	Protectors for Data Communication and Fire Alarm Circuits
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1425, third edition	Cables for Non–Power-Limited Fire-Alarm Circuits

Article	Standard Number	Standard Title	
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
800	UL 444, fifth edition	Communications Cables	
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 489A, first edition	Circuit Breakers for Use in Communication Equipment
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 498A, second edition	Current Taps and Adapters
	-	UL 523, second edition	Telephone Service Drop Wire
	-	UL 568, first edition	Nonmetallic Cable Tray Systems
	-	UL 723, eleventh edition	Test for Surface Burning Characteristics of Building Materials
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 1863, fourth edition	Communication-Circuit Accessories
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces

Article	Standard Number	Standard Title	
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 60950-1, second edition	Information Technology Equipment
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
810	UL 150, fourth edition	Antenna Rotators	
	-	UL 452, seventh edition	Antenna-Discharge Units
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
820	UL 444, fifth edition	Communications Cables	
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 1655, second edition	Community-Antenna Television Cables
830	UL 444, fifth edition	Communications Cables	
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
Tables 11(A) and 11(B)	UL 1310, seventh edition	Class 2 Power Units	
	UL 1434, first edition	Thermistor-Type Devices	
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers	
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements	

Article	Standard Number	Standard Title
Tables 12(A) and 12(B)	UL 1310, seventh edition	Class 2 Power Units
	UL 1434, first edition	Thermistor-Type Devices
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements

Table A.1(3) Product Safety Standards for Conductors and Equipment That Do Not Have an Associated Listing Requirement and Other Referenced Publications

Article	Standard Number	Standard Title	
110	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
	-	UL 969, fifth edition	Marking and Labeling Systems
	-	UL 9691, first edition	Recommended Practice for Nameplates for Use in Electrical Installations
210	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
215	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
240	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
245	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	NEMA C37.54	NEMA Standard Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
265	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel

Article	Standard Number	Standard Title	
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
300	UL 635, third edition	Insulating Bushings	
314	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
320	UL 514A, eleventh edition	Metallic Outlet Boxes	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
322	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
324	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
330	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
332	UL 1565, sixth edition	Positioning Devices	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
334	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel

Article	Standard Number	Standard Title	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
335	UL 2250, third edition	Instrumentation Tray Cable	
337	UL 1565, sixth edition	Positioning Devices	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
340	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	
342	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
344	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
348	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
350	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
352	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
353	UL 635, third edition	Insulating Bushings	
355	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable

Article	Standard Number	Standard Title	
356	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
358	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
362	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
368	UL 857, thirteenth edition	Busways	
392	UL 568, first edition	Nonmetallic Cable Tray Systems	
400	NEMA WC 58-2017	Portable and Power Feeder Cables for Use in Mines and Similar Applications	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1680, second edition	Stage and Lighting Cables
	-	UL 2263, first edition	Electric Vehicle Cable
402	UL 66, third edition	Fixture Wire	
408	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
409	UL 1436, sixth edition	Outlet Circuit Testers and Other Similar Indicating Devices	
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-30: Particular Requirements for Testing and Measuring Circuits
424	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
	-	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	-	UL 1995, fifth edition	Heating and Cooling Equipment

Article	Standard Number	Standard Title	
	-	UL 1996, fourth edition	Electric Duct Heaters
	-	UL 60335-1, sixth edition	Safety of Household and Similar Electrical Appliances, Part 1: General Requirements
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2–40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
425	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
426	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units	
427	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications	
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 248-13, third edition	Low Voltage Fuses — Part 13: Semiconductor Fuses	
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
445	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
-	-	-	
450	IEEE C57.12.00	IEEE Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers	
	-	IEEE C57.12.28	IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity
	-	IEEE C57.12.29	IEEE C57.12.29 IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity for Coastal Environments
	-	IEEE C57.16	IEEE Standard for Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses

Article	Standard Number	Standard Title	
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 1561, fourth edition	Dry-Type General Purpose and Power Transformers
	-	UL 1562, fourth edition	Transformers, Distribution, Dry-Type Over 600 Volts
	-	UL 5085, second edition	Low Voltage Transformers — Part 2: General Purpose Transformers
460	UL 810, sixth edition	Capacitors	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
	-	UL 60384-14, second edition	Fixed Capacitors for Use in Electronic Equipment — Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains
470	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
495	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.20.2	IEEE Standard for Metal-Clad Switchgear
	-	IEEE C37.20.3	IEEE Standard for Metal-Enclosed Interrupter Switchgear (1 kV–38 kV)
	-	IEEE C37.20.4	IEEE Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear
	-	IEEE C37.20.6	IEEE Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in Enclosures
	-	IEEE C37.20.9	IEEE Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems
	-	IEEE C37.23	IEEE Standard for Metal-Enclosed Bus
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.59	IEEE Standard for Requirements for Conversion of Power Switchgear Equipment

Article	Standard Number	Standard Title	
	-	IEEE C37.60	IEEE International Standard — High-voltage switchgear and controlgear — Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV
	-	IEEE C37.74	IEEE Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV
	-	NEMA C37.54	American National Standard for Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
	-	NEMA C37.55	American National Standard for Switchgear — Medium Voltage Metal-Clad Assemblies — Conformance Test Procedures
	-	NEMA C37.57	American National Standard for Switchgear — Metal-Enclosed Interrupter Switchgear Assemblies — Conformance Testing
	-	NEMA C37.58	American National Standard for Switchgear — Indoor AC Medium Voltage Switches for Use in Metal-Enclosed Switchgear — Conformance Test Procedures
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	-	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15KV
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 2748, first edition	Arcing Fault Quenching Equipment
	-	UL 2877, fourth edition	Power Supplies, Medium Voltage
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
500	ANSI/IEEE C2	National Electrical Safety Code, Section 127A, Coal Handling Areas	
	-	ANSI/UL 121203	Recommended Practice for Portable/Personal Electronic Products Suitable for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2, Class III, Division 1, Class III, Division 2, Zone 21 and Zone 22 Hazardous (Classified) Locations
	-	API RP 14F	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Division 1 and Division 2 Locations
	-	API RP 500	Recommended Practice for Classification of Locations of Electrical Installations at

Article	Standard Number	Standard Title	
			Petroleum Facilities Classified as Class I, Division 1 and Division 2
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASHRAE 15	Safety Standard for Refrigeration Systems.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	IEEE 844.2	Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	IEEE/IEC International Standard for Explosive atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation, and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	-	ISA-12.10	Area Classification in Hazardous (Classified) Dust Locations
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 32-2021	Standard for Drycleaning Facilities
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 35-2021	Standard for the Manufacture of Organic Coatings
	-	NFPA 36-2025	Standard for Solvent Extraction Plants
	-	NFPA 45-2024	Standard on Fire Protection for Laboratories Using Chemicals
	-	NFPA 55-2026	Compressed Gases and Cryogenic Fluids Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and

Article	Standard Number	Standard Title	
			of Hazardous (Classified) Locations for Electrical Installation in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	-	NFPA 820-2024	Standard for Fire Protection in Wastewater Treatment and Collection Facilities
	-	UL 60079-29-2, second edition	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	-	UL 120002, second edition	Recommended Practice for Certificates for Equipment for Hazardous (Classified) Locations
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
-	-	-	
501	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
-	-	-	
503	NFPA 505-2024	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	
504	ISA-RP 12.06.01	Recommended Practice for Wiring Methods for Hazardous (Classified) Locations Instrumentation — Part 1: Intrinsic Safety	
505	ANSI/API RP 14FZ	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Zone 0, Zone 1, and Zone 2 Locations	
	-	API RP 505	Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Zone 0, Zone 1, and Zone 2
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	EI 15	Model Code of Safe Practice, Part 15: Area Classification Code for Installations Handling Flammable Fluids
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation,

Article	Standard Number	Standard Title	
			Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	-	ISA-60079-10-1 (12.24.01)	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive gas atmospheres
	-	ISA-60079-29-2	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	-	UL 80079-20-1, first edition	Explosive Atmospheres — Part 20-1: Material Characteristics for Gas and Vapour Classification — Test Methods and Data
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
506	ASME B1.20.1	Pipe Threads, General Purpose (Inch)	
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance

Article	Standard Number	Standard Title	
	-	ISA-60079-10-2 (12.10.05)	Explosive Atmospheres — Part 10-2: Classification of Areas — Combustible Dust Atmospheres
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
511	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages	
	-	NFPA 88A-2023	Standard for Parking Structures
512	ICC IFC	International Fire Code	
	-	NFPA 1-2023	Fire Code
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 36-2025	Standard for Solvent Extraction Plants
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 70B-2023	Standard for Electrical Equipment Maintenance
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
513	NFPA 30-2024	Flammable and Combustible Liquids Code	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 409-2022	Standard on Aircraft Hangars
514	NFPA 2-2023	Hydrogen Technologies Code	
	-	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages
	-	NFPA 52-2023	Vehicular Natural Gas Fuel Systems Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 303-2026	Fire Protection Standard for Marinas and Boatyards
515	NFPA 30-2024	Flammable and Combustible Liquids Code	
516	NFPA 13-2025	Standard for the Installation of Sprinkler Systems	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 77-2024	Recommended Practice on Static Electricity

Article	Standard Number	Standard Title	
	-	NFPA 91-2026	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids
	-	NFPA 701-2023	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
620	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 66, third edition	Fixture Wire
	-	UL 504, third edition	Mineral-Insulated, Metal Sheathed Cable
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1569, fifth edition	Metal-Clad Cables
625	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
630	UL 1276, third edition	Welding Cable	
650	UL 1651, fourth edition	Optical Fiber Cable	
660	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
668	UL 4, fifteenth edition	Armored Cable	
	-	UL 62, twentieth edition	Flexible Cords and Cables
670	UL 1740, fourth edition	Standard for Robots and Robotic Equipment	
	-	UL 2011, seventh edition	Machinery
	-	UL 3100, first edition	Automated Mobile Platforms (AMPs)
675	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1263, sixth edition	Irrigation Cable
690	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
691	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
692	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire

Article	Standard Number	Standard Title	
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
694	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
700	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits	
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
701	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
	-	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
702	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
705	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
708	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
710	UL 3001, first edition	Distributed Energy Generation and Storage Systems	

Statement of Problem and Substantiation for Public Input

There is no product safety standard known as "UL 9741A - Onboard Electric Vehicle Power Export and Import Equipment". Product safety standards and outlines of investigation from 624.1 included.

Submitter Information Verification

Submitter Full Name: Alexander Jahp
Organization:
Street Address:
City:
State:
Zip:
Submittal Date: Fri Mar 20 14:42:45 EDT 2026
Committee: NEC-P01

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A.1 Referenced Publications.

Table A.1(1), Table A.1(2), and Table A.1(3) provide a list of publications that are referenced in this code. These references are current at the time of publication. New publications or modifications to existing publications can occur at any time while this edition of the code is in effect.

Table A.1(1) provides a list of NFPA publications referenced in this code. Table A.1(2) provides a list of product safety standards used for product listing where that listing is required by this code. Table A.1(3) provides a list of other publications referenced in this code.

Table A.1(1) NFPA Standards Referenced in NEC

Standard Number	Standard Title	Current Edition	Extract Edition
1	Fire Code	2024	-
2	Hydrogen Technologies Code	2023	-
13	Standard for the Installation of Sprinkler Systems	2025	-
13D	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	2025	-
20	Standard for the Installation of Stationary Pumps for Fire Protection	2025	2025
30	Flammable and Combustible Liquids Code	2024	-
30A	Code for Motor Fuel Dispensing Facilities and Repair Garages	2024	2024
32	Standard for Drycleaning Facilities	2021	-
33	Standard for Spray Application Using Flammable or Combustible Materials	2024	2024
34	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids	2024	2024
35	Standard for the Manufacture of Organic Coatings	2021	-
36	Standard for Solvent Extract Plants	2025	-
37	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines	2024	-
40	Standard for the Storage and Handling of Cellulose Nitrate Film	2025	-
45	Standard on Protection for Laboratories Using Chemicals	2024	-
52	Vehicular Natural Gas Fuel Systems Code	2026	-
54	National Fuel Gas Code	2024	-
55	Compressed Gases and Cryogenic Fluids Code	2026	-
58	Liquified Petroleum Gas Code	2024	-
59	Utility LP-Gas Plant Code	2024	-
70	National Electrical Code®	2026	-
70B	Standard for Electrical Equipment Maintenance	2023	-
70E®	Standard for Electrical Safety in the Workplace®	2024	-
72	National Fire Alarm and Signaling Code®	2025	-
75	Standard for the Fire Protection of Information Technology Equipment	2024	2024
77	Recommended Practice on Static Electricity	2024	-
79	Electrical Standard for Industrial Machinery	2024	2024
80	Standard for Fire Doors and Other Opening Protectives	2025	-
88A	Standard for Parking Structures	2023	-
90A	Standard for the Installation of Air-Conditioning and Ventilating Systems	2024	-
90B	Standard for the Installation of Warm Air Heating and Air-Conditioning Systems	2024	-

Standard Number	Standard Title	Current Edition	Extract Edition
91	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids	2026	-
99	Health Care Facilities Code	2024	2024
101®	Life Safety Code®	2024	2024
110	Standard for Emergency and Standby Power Systems	2025	2025
111	Standard for Stored Electrical Energy Emergency and Standby Power Systems	2025	-
220	Standard on Types of Building Construction	2024	-
262	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces	2023	-
303	Fire Protection Standard for Marinas and Boatyards	2026	2021
307	Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves	2021	2021
409	Standard on Aircraft Hangers	2022	-
496	Standard for Purged and Pressurized Enclosures for Electrical Equipment	2024	-
497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	-
499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	2024
505	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	2024	-
701	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films	2023	-
730	Guide for Premises Security	2023	-
780	Standard for the Installation of Lightning Protection Systems	2026	-
790	Standard for the Competency of Third-Party Field Evaluation Bodies	2024	2024
820	Standard for Fire Protection in Wastewater Treatment and Collection Facilities	2024	-
853	Standard for the Installation of Stationary Fuel Cell Power Systems	2025	-
855	Standard for the Installation of Stationary Energy Storage Systems	2026	-
1192	Standard on Recreational Vehicles	2026	2021
1660	Standard for Emergency, Continuity, and Crisis Management: Preparedness, Response, and Recovery	2024	-
5000	Building Construction and Safety Code®	2024	-

Table A.1(2) Product Safety Standards and Outlines of Investigation for Conductors and Equipment That Have an Associated Listing Requirement

Article	Standard Number	Standard Title
110	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies

Article	Standard Number	Standard Title	
	-	UL 305, sixth edition	Panic Hardware
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
130	UL 916, fifth edition	Energy Management Equipment	
	-	UL 3141, first edition	Power Control Systems
210	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground Fault Circuit Interrupters
	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters
225	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
230	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 218, third edition	Fire Pump Controllers

Article	Standard Number	Standard Title	
	-	UL 231, tenth edition	Power Outlets
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 414, ninth edition	Meter Sockets
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 857, thirteenth edition	Busways
	-	UL 869A, fourth edition	Reference Standard for Service Equipment
	-	UL 891, twelfth edition	Switchboards
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1062, third edition	Unit Substations
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit

Article	Standard Number	Standard Title	
	-	UL 1740, fourth edition	Robots and Robotic Equipment
	-	UL 1953, seventh edition	Power Distribution Blocks
	-	UL 2011, seventh edition	Machinery
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2416, first edition	Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems
	-	UL 2446, first edition	Unitary Boiler Room Systems
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 2735, first edition	Electric Utility Meters
	-	UL 2745, first edition	Meter Socket Adapters for Communications Equipment
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
	-	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
240	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements	
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 2: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-11, third edition	Low-Voltage Fuses — Part 11: Plug Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses

Article	Standard Number	Standard Title	
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures
	-	UL 489I, second edition	Solid State Molded-Case Circuit Breakers
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
242	UL 1449, fifth edition	Surge Protective Devices	
250	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 153, thirteenth edition	Portable Electric Luminaires
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel

Article	Standard Number	Standard Title	
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1652, third edition	Flexible Metallic Tubing
270	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
300	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 263, fourteenth edition	Fire Tests of Building Construction and Materials
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords

Article	Standard Number	Standard Title	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
310	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 83B, first edition	Switchboard and Switchgear Wires and Cables
	-	UL 224, seventh edition	Extruded Insulating Tubing
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 854, twelfth edition	Service-Entrance Cables
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1441, fifth edition	Coated Electrical Sleeving
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
312	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2808, first edition	Energy Monitoring Equipment
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-030: Particular Requirements for Testing and Measuring Circuits
314	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations

Article	Standard Number	Standard Title	
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 1953, seventh edition	Power Distribution Blocks
315	ANSI C119.4	Electric Connectors — Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93ºC and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100ºC	
	-	IEEE 48	IEEE Standard for Test Procedures and Requirements for Alternating-Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV
	-	IEEE 386	IEEE Standard for Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV
	-	IEEE 404	IEEE Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2.5 kV to 500 kV
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 1072, fourth edition	Medium Voltage Power Cables

Article	Standard Number	Standard Title	
	-	UL 1569, fifth edition	Metal-Clad Cables
320	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
322	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
324	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
330	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
332	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable	
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
334	UL 719, thirteenth edition	Nonmetallic-Sheathed Cables	
	-	UL 2256, first edition	Nonmetallic Sheathed Cable Interconnects
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
335	UL 2250, third edition	Instrumentation Tray Cable	
336	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members

Article	Standard Number	Standard Title	
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
337	UL 1309A, first edition	Cable for Use in Mobile Installations	
338	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 854, twelfth edition	Service-Entrance Cables
340	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
342	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
344	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
348	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
350	UL 360, seventh edition	Liquid-Tight Flexible Steel Conduit	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
352	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings	
353	UL 651A, sixth edition	High Density Polyethylene (HDPE) Conduit	
354	UL 1990, fourth edition	Nonmetallic Underground HDPE Conduit with Conductors	
355	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings	
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
	-	UL 2515A, first edition	Supplemental Requirements for Extra-Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
356	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
358	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
360	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1652, third edition	Flexible Metallic Tubing
362	UL 1653, third edition	Electrical Nonmetallic Tubing	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
366	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
368	UL 509, second edition	Bus Drop Cable	
370	ANSI/CSA C22.2 No. 273	Cablebus	
371	UL 1386, first edition	Flexible Bus Systems	
	-	UL 1387, first edition	Flexible Insulated Bus
374	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings	
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
376	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
	-	UL 1953, seventh edition	Power Distribution Blocks
378	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
382	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	

Article	Standard Number	Standard Title	
	-	UL183, fourth edition	Manufactured Wiring Systems
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 498M, first edition	Marine Shore Power Inlets
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 991, third edition	Tests for Safety-Related Controls Employing Solid-State Devices
	-	UL 1077, seventh edition	Supplementary Protectors for Use in Electrical Equipment
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1998, third edition	Software in Programmable Components
384	UL 5B, second edition	Strut-Type Channel Raceways and Fittings	
386	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
388	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	
392	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations	
393	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1310, seventh edition	Class 2 Power Units

Article	Standard Number	Standard Title	
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 2577, first edition	Suspended Ceiling Power Grid Systems and Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
396	UL 1072, fourth edition	Medium-Voltage Power Cables	
404	ANSI/NEMA WD 6–2016	Wiring Devices — Dimensional Specifications	
	-	UL 20, fourteenth edition	General-Use Snap Switches
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 98A, second edition	Open-Type Switches
	-	UL 363, eleventh edition	Knife Switches
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 773, fifth edition	Plug-In Locking Type Photocontrols for Use with Area Lighting
	-	UL 773A, sixth edition	Nonindustrial Photoelectric Switches for Lighting Control
	-	UL 917, fifth edition	Clock-Operated Switches
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1472, second edition	Solid-State Dimming Controls
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-7, third edition	Automatic Electrical Controls — Part 2–7: Particular Requirements for Timers and Time Switches
406	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection

Article	Standard Number	Standard Title		
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts	
	-	UL 498M, first edition	Marine Shore Power Inlets	
	-	UL 514A, eleventh edition	Metallic Outlet Boxes	
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers	
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters	
	-	UL 943B, third edition	Appliance Leakage-Current Interrupters	
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters	
	-	UL 970, first edition	Retail Fixtures and Merchandise Displays	
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
	-	UL 1286, sixth edition	Office Furnishings Systems	
	-	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1682, fifth edition	Plugs, Receptacles, and Cable Connectors, of the Pin and Sleeve Type	
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors	
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters	
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters	
	-	-	-	See 406.4(D)(4)(1)
	-	UL 2999, first edition	Individual Commercial Office Furnishings	
408	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables		
	-	UL 67, thirteenth edition	Panelboards	
	-	UL 891, twelfth edition	Switchboards	
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear	
409	UL 508, eighteenth edition	Industrial Control Equipment		
	-	UL 508A, third edition	Industrial Control Panels	
410	ANSI/CSA-C22.2 No. 184.2	Solid-State Controls for Lighting Systems (SSCLS)		

Article	Standard Number	Standard Title	
	-	UL 153, thirteenth edition	Portable Electric Luminaires
	-	UL 496, fourteenth edition	Lampholders
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 542, ninth edition	Fluorescent Lamp Starters
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 970, first edition	Retail Fixtures and Merchandising Displays
	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1029A, first edition	Ignitors and Related Auxiliaries for HID Lamp Ballasts
	-	UL 1574, third edition	Track Lighting Systems
	-	UL 1598, fifth edition	Luminaires
	-	UL 1598B, first edition	Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires, Supplemental Requirements
	-	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
	-	UL 1993, sixth edition	Self-Ballasted Lamps and Lamp Adapters
	-	UL 2388, second edition	Flexible Lighting Products
	-	UL 8750, second edition	Light Emitting Diode (LED) Equipment for Use in Lighting Products
	-	UL 8752, second edition	Organic Light Emitting Diode (OLED) Panels
	-	UL 8753, second edition	Field-Replaceable Light Emitting Diode (LED) Light Engines
	-	UL 8754, second edition	Holders, Bases and Connectors for Solid-State (LED) Light Engines and Arrays
	-	UL 8800, first edition	Horticultural Lighting Equipment and Systems

Article	Standard Number	Standard Title	
	-	UL 8802, first edition	Ultraviolet (UV) Germicidal Equipment and Systems
	-	UL 8803, first edition	Portable UV Germicidal Equipment With Uncontained UV Sources
411	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1838, third edition	Low-Voltage Landscape Lighting Systems
	-	UL 2108, second edition	Low-Voltage Lighting Systems
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
422	ANSI/CSA-C22.2 No. 339	Hand-held motor-operated electric tools — Safety — Particular requirements for chain beam saws	
	-	UL 22, sixth edition	Amusement and Gaming Machines
	-	UL 73, tenth edition	Motor-Operated Appliances
	-	UL 82, ninth edition	Electric Gardening Appliances
	-	UL 122, fifth edition	Photographic Equipment
	-	UL 141, ninth edition	Garment Finishing Appliances
	-	UL 174, eleventh edition	Household Electric Storage Tank Water Heaters
	-	UL 197, tenth edition	Commercial Electric Cooking Appliances
	-	UL 283, third edition	Air Fresheners and Deodorizers
	-	UL 325, seventh edition	Door, Drapery, Gate, Louver, and Window Operators and Systems
	-	UL 399, eighth edition	Drinking Water Coolers
	-	UL 430, eighth edition	Waste Disposers
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 499, fourteenth edition	Electric Heating Appliances
	-	UL 507, tenth edition	Electric Fans
	-	UL 514A, eleventh edition	Metallic Outlet Boxes

Article	Standard Number	Standard Title	
	-	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications
	-	UL 561, seventh edition	Floor Finishing Machines
	-	UL 574, eighth edition	Electric Oil Heaters
	-	UL 621, seventh edition	Ice Cream Makers
	-	UL 705, seventh edition	Power Ventilators
	-	UL 710B, second edition	Recirculating Systems
	-	UL 749, twelfth edition	Household Dishwashers
	-	UL 751, ninth edition	Vending Machines
	-	UL 763, fifth edition	Motor-Operated Commercial Food Preparing Machines
	-	UL 778, sixth edition	Motor-Operated Water Pumps
	-	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
	-	UL 858, sixteenth edition	Household Electric Ranges
	-	UL 859, eleventh edition	Household Electric Personal Grooming Appliances
	-	UL 875, tenth edition	Electric Dry-Bath Heaters
	-	UL 921, eighth edition	Commercial Dishwashers
	-	UL 923, seventh edition	Microwave Cooking Appliances
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 962, fifth edition	Household and Commercial Furnishings
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 979, second edition	Water Treatment Appliances
	-	UL 982, eighth edition	Motor-Operated Household Food Preparing Machines
	-	UL 987, eighth edition	Stationary and Fixed Electric Tools
	-	UL 1017, tenth edition	Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines
	-	UL 1026, sixth edition	Household Electric Cooking and Food Serving Appliances
	-	UL 1086, sixth edition	Household Trash Compactors
	-	UL 1090, seventh edition	Electric Snow Movers
	-	UL 1206, fourth edition	Electric Commercial Clothes-Washing Equipment

Article	Standard Number	Standard Title	
	-	UL 1240, fourth edition	Electric Commercial Clothes-Drying Equipment
	-	UL 1278, fourth edition	Movable and Wall- or Ceiling-Hung Electric Room Heaters
	-	UL 1447, sixth edition	Electric Lawn Mowers
	-	UL 1450, fourth edition	Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment
	-	UL 1453, sixth edition	Electric Booster and Commercial Storage Tank Water Heaters
	-	UL 1576, second edition	Flashlights and Lanterns
	-	UL 1594, fourth edition	Sewing and Cutting Machines
	-	UL 1647, sixth edition	Motor-Operated Massage and Exercise Machines
	-	UL 1727, fifth edition	Commercial Electric Personal Grooming Appliances
	-	UL 1776, third edition	High-Pressure Cleaning Machines
	-	UL 2157, fourth edition	Electric Clothes Washing Machines and Extractors
	-	UL 2158, sixth edition	Electric Clothes Dryers
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 60335-2-3, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-3: Particular Requirements for Electric Irons
	-	UL 60335-2-8, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-8: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances
	-	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances, and Ice-Makers
-		UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60335-2-67, second edition	Household and Similar Electrical Appliances — Safety — Part 2-67: Particular Requirements for Floor Treatment Machines, For Commercial Use
	-	UL 60335-2-68, first edition	Household and Similar Electrical Appliances — Safety — Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use
	-	UL 60335-2-79, first edition	Household and Similar Electrical Appliances — Safety — Part 2-79: Particular Requirements for High Pressure Cleaners and Steam Cleaners

Article	Standard Number	Standard Title	
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
	-	UL 60745-1, fourth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 1: General Requirements
	-	UL 60745-2-1, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-1: Particular Requirements for Drills and Impact Drills
	-	UL 60745-2-2, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches
	-	UL 60745-2-3, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-3: Particular Requirements for Grinders, Polishers, and Disk-Type Sanders
	-	UL 60745-2-4, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type
	-	UL 60745-2-5, fifth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-5: Particular Requirements for Circular Saws
	-	UL 60745-2-6, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-6: Particular Requirements for Hammers
	-	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements for Shears and Nibblers
	-	UL 60745-2-9, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-9: Particular Requirements for Tappers
	-	UL 60745-2-11, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-11: Particular Requirements for Reciprocating Saws
	-	UL 60745-2-12, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-12: Particular Requirements For Concrete Vibrators
	-	UL 60745-2-13, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-13: Particular Requirements For Chain Saws
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	-	UL 62841-2-8, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
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Article	Standard Number	Standard Title	
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	-	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
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			Particular Requirements For Transportable Drills
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	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment

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	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	-	UL 60079-1, seventh edition	Explosive Atmospheres — Part 1: Equipment Protection by Flameproof Enclosures “d”
	-	UL 60079-2, sixth edition	Explosive Atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-5, fourth edition	Explosive Atmospheres — Part 5: Type of Equipment Protectionby Powder Filling
	-	UL 60079-6, fourth edition	Explosive Atmospheres — Part 6: Equipment Protection by Liquid Immersion “o”
	-	UL 60079-7, fifth edition	Explosive Atmospheres — Part 7: Equipment Protection by Increased Safety “e”
	-	UL 60079-10-1, first edition	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive Gas Atmospheres
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety “i”

Article	Standard Number	Standard Title	
	-	UL 60079-13, second edition	Explosive Atmospheres — Part 13: Equipment Protection by Pressurized Room “p” and Artificially Ventilated Room “v”
	-	UL 60079-15, fifth edition	Explosive Atmospheres — Part 15: Equipment Protection by Type of Protection “n”
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	-	UL 60079-26, third edition	Explosive Atmospheres — Part 26: Equipment with Equipment Protection Level (EPL) Ga
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b”, Liquid Immersion “k”
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
506	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and	

Article	Standard Number	Standard Title	
		Documentation Requirements	
	-	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	-	UL 60079-2, sixth edition	Explosive atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety "i"
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-31, second edition	Explosive Atmospheres — Part 31: Equipment Dust Ignition Protection by Enclosure “t”
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 62784, first edition	Vacuum Cleaners and Dust Extractors Providing Equipment Protection Level Dc for the Collection of Combustible Dusts — Particular Requirements
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b“, Liquid Immersion “k”
512	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations	

Article	Standard Number	Standard Title	
516	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials	
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
517	AAMI ES 60601-1	Medical electrical equipment — Part 1: General requirements for basic safety and essential performance	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1022, fifth edition	Line Isolation Monitors
	-	UL 1047, sixth edition	Isolated Power Systems Equipment
	-	UL 1286, sixth edition	Office Furnishing Systems
	-	UL 2930, first edition	Cord-and-Plug-connected Health Care Facility Outlet Assemblies
	-	UL 60601-1, first edition	Medical Electrical Equipment — Part 1: General Requirements for Safety
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
518	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts

Article	Standard Number	Standard Title	
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 2305, first edition	Exhibition Display Units, Fabrication and Installation
520	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 334, second edition	Theater Lighting Distribution and Control Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 891, twelfth edition	Switchboards
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
522	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 2250, third edition	Instrumentation Tray Cable
525	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
530	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1479-2-15, fourth edition	Fire Tests of Penetration Firestops
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1680, second edition	Stage and Lighting Cables
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors

Article	Standard Number	Standard Title	
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
540	UL 67, thirteenth edition	Panelboards	
	-	UL 943, fifth edition	Ground-Fault Circuit Interrupters
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
545	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 20, fourteenth edition	General Use Snap Switches
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
547	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 62, twentieth edition	Flexible Cords and Cables

Article	Standard Number	Standard Title	
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1598, fifth edition	Luminaires
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
550	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 307A, ninth edition	Liquid Fuel-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	-	UL 307B, fifth edition	Gas-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low-Voltage Lighting Systems
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
551	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1598, fifth edition	Luminaires

Article	Standard Number	Standard Title	
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2299, first edition	Ground Monitor Interrupters
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
552	SAE J1128-2015	Low Voltage Primary Cable, for Types GXL, HDT, and SXL	
	-	SAE J1127-2015	Low Voltage Battery Cable, for Types SGT and SGR
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for Use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 430, eighth edition	Waste Disposers
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 916, fifth edition	Energy Management Equipment

Article	Standard Number	Standard Title	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low Voltage Lighting Systems
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
555	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 231, tenth edition	Power Outlets
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1399, first edition	Leakage Current Measurement Devices for Use in Marina Applications
	-	UL 1650, first edition	Portable Power Cable
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
590	UL 496, fourteenth edition	Lampholders	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1088, seventh edition	Temporary Lighting Strings
	-	UL 1377, first edition	Wire used in Low Voltage Seasonal Lighting Products In Circuits With a

Article	Standard Number	Standard Title	
			Maximum Available Power of 15W
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
600	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 13, fourth edition	Power-Limited Circuit Cables
	-	UL 48, fifteenth edition	Electric Signs
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 814, twelfth edition	Gas-Tube-Sign Cable
	-	UL 879, ninth edition	Electric Sign Components
	-	UL 879A, first edition	LED Sign and Sign Retrofit Kits
	-	UL 879B, first edition	Polymeric Enclosure Systems for the Splice Between Neon Tubing Electrode Leads and GTO Cable, and the GTO Cable Leading to the Splice
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2161, second edition	Neon Transformers and Power Supplies
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground

Article	Standard Number	Standard Title	
			Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 3703, first edition	Solar Trackers
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements For Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements For Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: Particular Requirements for Inverters
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
604	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 183, fourth edition	Manufactured Wiring Systems
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit

Article	Standard Number	Standard Title	
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 857, thirteenth edition	Busways
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
605	UL 962, fifth edition	Household and Commercial Furnishings	
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 1286, sixth edition	Office Furnishings Systems
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 2999, first edition	Individual Commercial Office Furnishings
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
610	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 2273, second edition	Festoon Cable
620	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 104, twelfth edition	Elevator Door Locking Devices and Contacts
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-

Article	Standard Number	Standard Title	
			Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
624	UL 9741A	Onboard Electric Vehicle Power Export and Import Equipment	
625	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2202, third edition	DC Charging Equipment for Electric Vehicles
	-	UL 2231-1, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 1: General Requirements
	-	UL 2231-2, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 2: Particular Requirements for Protection Devices for Use in Charging Systems
	-	UL 2251-, fourth edition	Plugs, Receptacles and Couplers for Electrical Vehicles
	-	UL 2580, third edition	Batteries for Use in Electric Vehicles
	-	UL 2594, third edition	Electric Vehicle Supply Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
626	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 231, tenth edition	Power Outlets
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1651, fourth edition	Optical Fiber Cable

Article	Standard Number	Standard Title	
	-	UL 1686, fifth edition	Pin and Sleeve Configurations
630	UL 551, eighth edition	Transformer-Type Arc-Welding Machines	
640	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 813, seventh edition	Commercial Audio Equipment
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1419, fourth edition	Professional Video and Audio Equipment
	-	UL 1492, second edition	Audio-Video Products and Accessories
	-	UL 1711, fourth edition	Amplifiers for Fire Protective Signaling Systems
	-	UL 2269, fourth edition	Optical Fiber/Communications/Signaling/Coaxial Cable Outlet Boxes
	-	UL 6500, second edition	Audio/Video and Musical Instrument Apparatus for Household, Commercial, and Similar General Use
	-	UL 60065, eighth edition	Audio, Video and Similar Electronic Apparatus — Safety Requirements
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
645	UL 38, eighth edition	Manual Signaling Boxes for Fire Alarm Systems	
	-	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems
	-	UL 444, fifth edition	Communications Cables
	-	UL 464, eleventh edition	Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire Alarm Circuits
	-	UL 833, first edition	Control Units and Accessories for Fire Alarm Systems
	-	UL 864, eleventh edition	Control Units and Accessories for Fire Alarm Systems
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1425, third edition	Cables for Non-Power-Limited Fire-Alarm Circuits
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories

Article	Standard Number	Standard Title	
	-	UL 1638, sixth edition	Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1690, fourth edition	Data-Processing Cable
-		UL 1778, fifth edition	Uninterruptible Power Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 60950-1, second edition	Information Technology Equipment — Safety — Part 1: General Requirements
	-	UL 60950-21, first edition	Information Technology Equipment — Safety — Part 21: Remote Power Feeding
	-	UL 60950-22, second edition	Information Technology Equipment — Safety — Part 22: Equipment to be Installed Outdoors
	-	UL 60950-23, first edition	Information Technology Equipment — Safety — Part 23: Large Data Storage Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
646	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 305, sixth edition	Panic Hardware
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 869A, fourth edition	Reference Standard for Service Equipment
	-	UL 891, twelfth edition	Switchboards

Article	Standard Number	Standard Title	
	-	UL 924, tenth edition	Emergency Lighting and Power Equipment
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1062, third edition	Unit Substations
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1655, second edition	Community-Antenna Television Cables
	-	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	-	UL 2755, second edition	Modular Data Centers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
647	UL 1598, fifth edition	Luminaires	
650	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
670	ANSI/CSA-C22.2 No. 19085-1	Woodworking machines — Safety — Part 1: Common requirements	
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
675	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	

Article	Standard Number	Standard Title	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
680	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 20, fourteenth edition	General Use Snap-Switches
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 379, first edition	Power Units for Fountain, Swimming Pool, and Spa Luminaires
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 676A, third edition	Potting Compounds for Swimming Pool, Fountain, and Spa Equipment
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1004-10, first edition	Pool Pump Motors
	-	UL 1081, seventh edition	Swimming Pool Pumps, Filters, and Chlorinators
	-	UL 1241, seventh edition	Junction Boxes for Swimming Pool Luminaires
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1261, sixth edition	Electric Water Heaters for Pools and Tubs
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1795, fifth edition	Hydromassage Bathtubs
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
	-	UL 2452, first edition	Electric Swimming Pool and Spa Cover Operators
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2995, first edition	Lifts for Swimming Pools and Spas
	-	UL 60335-2-1000, first edition	Household and Similar Electrical Appliances: Particular Requirements for Electrically Powered Pool Lifts
682	UL 486D, seventh edition	Sealed Wire Connector Systems	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1838, third edition	Low Voltage Landscape Lighting Systems
690	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems	
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1703, third edition	Flat-Plate Photovoltaic Modules and Panels
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables

Article	Standard Number	Standard Title	
	-	UL 3703, first edition	Solar Trackers
	-	UL 3730, first edition	Photovoltaic Junction Boxes
	-	UL 3741, first edition	Photovoltaic Hazard Control
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	-	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements for Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements for Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
692	UL 2262, second edition	Fuel Cell Modules for Use in Portable and Stationary Equipment	
	-	UL 2262A, second edition	Borohydride Fuel Cartridges with Integral Fuel Processing for Use with Portable Fuel Cell Power Systems or Similar Equipment
	-	UL 2265, first edition	Fuel Cell Power Units and Fuel Storage Containers for Portable Devices
	-	UL 2265C, first edition	Hand-Held or Hand-Transportable Alkaline (Direct Borohydride) Fuel Cell Power Units and Borohydride Fuel Cartridges For Use With Consumer Electronics or Information Technology Equipment
	-	UL 2266, first edition	Electromagnetic Compatibility, Electrical Safety, and Physical Protection of Stationary and Portable Fuel Cell Power Systems for Use with Commercial Network Telecommunications Equipment

Article	Standard Number	Standard Title	
	-	UL 2267, third edition	Fuel Cell Power Systems for Installation in Industrial Electric Trucks
694	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 489C, first edition	Molded-Case Circuit Breakers and Molded-Case Switches for Use with Wind Turbines
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2277, fifth edition	Flexible Motor Supply Cable and Wind Turbine Tray Cable
	-	UL 2736, first edition	Single Pole Separable Interconnecting Cable Connectors for Use with Wind Turbine Generating Systems
	-	UL 4143, first edition	Wind Turbine Generator — Life Time Extension (LTE)
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
695	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 218, third edition	Fire Pump Controllers
	-	UL 448, twelfth edition	Centrifugal Stationary Pumps for Fire-Protection Service
	-	UL 448B, second edition	Residential Fire Pumps Intended for One- and Two-Family Dwellings and Manufactured Homes
	-	UL 448C, second edition	Stationary, Rotary-Type, Positive-Displacement Pumps for Fire Protection Service
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1004-5, second edition	Fire Pump Motors
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
700	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
701	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
702	UL 98, fourteenth edition	Enclosed and Dead-Front Switches	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
705	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2200, third edition	Stationary Engine Generator Assemblies

Article	Standard Number	Standard Title	
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
706	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses	
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 489H, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures, for Use with Direct Current (DC) Microgrids
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures

Article	Standard Number	Standard Title	
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 9540, third edition	Energy Storage Systems and Equipment
708	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
710	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources	
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 62109-1, first edition	Power Converters for use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
722	UL 13, fourth edition	Power-Limited Circuit Cables	

Article	Standard Number	Standard Title	
	-	UL 444, fifth edition	Communications Cables
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2044, fourth edition	Commercial Closed-Circuit Television Equipment
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
725	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 9990, first edition	Information and Communication Technology (ICT) Power Cables
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 61010-2-201, second edition	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-201: Particular Requirements for Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
726	UL 1400-1, first edition	Fault-Managed Power Systems — 1 General Requirements	
	-	UL 1400-2, first edition	Fault-Managed Power Systems — 2 Requirements for Cables
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
728	UL 5, fifteenth edition	Surface Metal Raceways and	

Article	Standard Number	Standard Title	
		Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 568, first edition	Nonmetallic Cable Tray Systems
	-	UL 884, thirteenth edition	Underfloor Raceways and Fittings
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
750	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	-	UL 497A, third edition	Secondary Protectors for Communication Circuits
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire-Alarm Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
760	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems	
	-	UL 268A, fourth edition	Smoke Detectors for Duct Application
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 497B, fourth edition	Protectors for Data Communication and Fire Alarm Circuits
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1425, third edition	Cables for Non–Power-Limited Fire-Alarm Circuits
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories

Article	Standard Number	Standard Title	
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
800	UL 444, fifth edition	Communications Cables	
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 489A, first edition	Circuit Breakers for Use in Communication Equipment
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 498A, second edition	Current Taps and Adapters
	-	UL 523, second edition	Telephone Service Drop Wire
	-	UL 568, first edition	Nonmetallic Cable Tray Systems
	-	UL 723, eleventh edition	Test for Surface Burning Characteristics of Building Materials
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 1863, fourth edition	Communication-Circuit Accessories
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces

Article	Standard Number	Standard Title	
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 60950-1, second edition	Information Technology Equipment
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
810	UL 150, fourth edition	Antenna Rotators	
	-	UL 452, seventh edition	Antenna-Discharge Units
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
820	UL 444, fifth edition	Communications Cables	
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 1655, second edition	Community-Antenna Television Cables
830	UL 444, fifth edition	Communications Cables	
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
Tables 11(A) and 11(B)	UL 1310, seventh edition	Class 2 Power Units	
	UL 1434, first edition	Thermistor-Type Devices	
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers	
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements	

Article	Standard Number	Standard Title
Tables 12(A) and 12(B)	UL 1310, seventh edition	Class 2 Power Units
	UL 1434, first edition	Thermistor-Type Devices
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements

Table A.1(3) Product Safety Standards for Conductors and Equipment That Do Not Have an Associated Listing Requirement and Other Referenced Publications

Article	Standard Number	Standard Title	
110	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
	-	UL 969, fifth edition	Marking and Labeling Systems
	-	UL 9691, first edition	Recommended Practice for Nameplates for Use in Electrical Installations
210	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
215	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
240	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
245	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	NEMA C37.54	NEMA Standard Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
265	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel

Article	Standard Number	Standard Title	
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
300	UL 635, third edition	Insulating Bushings	
314	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
320	UL 514A, eleventh edition	Metallic Outlet Boxes	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
322	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
324	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
330	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
332	UL 1565, sixth edition	Positioning Devices	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
334	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel

Article	Standard Number	Standard Title	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
335	UL 2250, third edition	Instrumentation Tray Cable	
337	UL 1565, sixth edition	Positioning Devices	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
340	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	
342	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
344	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
348	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
350	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
352	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
353	UL 635, third edition	Insulating Bushings	
355	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable

Article	Standard Number	Standard Title	
356	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
358	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
362	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
368	UL 857, thirteenth edition	Busways	
392	UL 568, first edition	Nonmetallic Cable Tray Systems	
400	NEMA WC 58-2017	Portable and Power Feeder Cables for Use in Mines and Similar Applications	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1680, second edition	Stage and Lighting Cables
	-	UL 2263, first edition	Electric Vehicle Cable
402	UL 66, third edition	Fixture Wire	
408	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
409	UL 1436, sixth edition	Outlet Circuit Testers and Other Similar Indicating Devices	
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-30: Particular Requirements for Testing and Measuring Circuits
424	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
	-	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	-	UL 1995, fifth edition	Heating and Cooling Equipment

Article	Standard Number	Standard Title	
	-	UL 1996, fourth edition	Electric Duct Heaters
	-	UL 60335-1, sixth edition	Safety of Household and Similar Electrical Appliances, Part 1: General Requirements
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2–40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
425	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
426	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units	
427	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications	
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 248-13, third edition	Low Voltage Fuses — Part 13: Semiconductor Fuses	
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
445	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
-	-	-	
450	IEEE C57.12.00	IEEE Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers	
	-	IEEE C57.12.28	IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity
	-	IEEE C57.12.29	IEEE C57.12.29 IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity for Coastal Environments
	-	IEEE C57.16	IEEE Standard for Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses

Article	Standard Number	Standard Title	
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 1561, fourth edition	Dry-Type General Purpose and Power Transformers
	-	UL 1562, fourth edition	Transformers, Distribution, Dry-Type Over 600 Volts
	-	UL 5085, second edition	Low Voltage Transformers — Part 2: General Purpose Transformers
460	UL 810, sixth edition	Capacitors	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
	-	UL 60384-14, second edition	Fixed Capacitors for Use in Electronic Equipment — Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains
470	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
495	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.20.2	IEEE Standard for Metal-Clad Switchgear
	-	IEEE C37.20.3	IEEE Standard for Metal-Enclosed Interrupter Switchgear (1 kV–38 kV)
	-	IEEE C37.20.4	IEEE Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear
	-	IEEE C37.20.6	IEEE Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in Enclosures
	-	IEEE C37.20.9	IEEE Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems
	-	IEEE C37.23	IEEE Standard for Metal-Enclosed Bus
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.59	IEEE Standard for Requirements for Conversion of Power Switchgear Equipment

Article	Standard Number	Standard Title	
	-	IEEE C37.60	IEEE International Standard — High-voltage switchgear and controlgear — Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV
	-	IEEE C37.74	IEEE Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV
	-	NEMA C37.54	American National Standard for Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
	-	NEMA C37.55	American National Standard for Switchgear — Medium Voltage Metal-Clad Assemblies — Conformance Test Procedures
	-	NEMA C37.57	American National Standard for Switchgear — Metal-Enclosed Interrupter Switchgear Assemblies — Conformance Testing
	-	NEMA C37.58	American National Standard for Switchgear — Indoor AC Medium Voltage Switches for Use in Metal-Enclosed Switchgear — Conformance Test Procedures
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	-	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15KV
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 2748, first edition	Arcing Fault Quenching Equipment
	-	UL 2877, fourth edition	Power Supplies, Medium Voltage
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
500	ANSI/IEEE C2	National Electrical Safety Code, Section 127A, Coal Handling Areas	
	-	ANSI/UL 121203	Recommended Practice for Portable/Personal Electronic Products Suitable for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2, Class III, Division 1, Class III, Division 2, Zone 21 and Zone 22 Hazardous (Classified) Locations
	-	API RP 14F	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Division 1 and Division 2 Locations
	-	API RP 500	Recommended Practice for Classification of Locations of Electrical Installations at

Article	Standard Number	Standard Title	
			Petroleum Facilities Classified as Class I, Division 1 and Division 2
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASHRAE 15	Safety Standard for Refrigeration Systems.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	IEEE 844.2	Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	IEEE/IEC International Standard for Explosive atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation, and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	-	ISA-12.10	Area Classification in Hazardous (Classified) Dust Locations
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 32-2021	Standard for Drycleaning Facilities
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 35-2021	Standard for the Manufacture of Organic Coatings
	-	NFPA 36-2025	Standard for Solvent Extraction Plants
	-	NFPA 45-2024	Standard on Fire Protection for Laboratories Using Chemicals
	-	NFPA 55-2026	Compressed Gases and Cryogenic Fluids Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and

Article	Standard Number	Standard Title	
			of Hazardous (Classified) Locations for Electrical Installation in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	-	NFPA 820-2024	Standard for Fire Protection in Wastewater Treatment and Collection Facilities
	-	UL 60079-29-2, second edition	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	-	UL 120002, second edition	Recommended Practice for Certificates for Equipment for Hazardous (Classified) Locations
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
-	-	-	
501	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
-	-	-	
503	NFPA 505-2024	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	
504	ISA-RP 12.06.01	Recommended Practice for Wiring Methods for Hazardous (Classified) Locations Instrumentation — Part 1: Intrinsic Safety	
505	ANSI/API RP 14FZ	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Zone 0, Zone 1, and Zone 2 Locations	
	-	API RP 505	Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Zone 0, Zone 1, and Zone 2
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	EI 15	Model Code of Safe Practice, Part 15: Area Classification Code for Installations Handling Flammable Fluids
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation,

Article	Standard Number	Standard Title	
			Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	-	ISA-60079-10-1 (12.24.01)	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive gas atmospheres
	-	ISA-60079-29-2	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	-	UL 80079-20-1, first edition	Explosive Atmospheres — Part 20-1: Material Characteristics for Gas and Vapour Classification — Test Methods and Data
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
506	ASME B1.20.1	Pipe Threads, General Purpose (Inch)	
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance

Article	Standard Number	Standard Title	
	-	ISA-60079-10-2 (12.10.05)	Explosive Atmospheres — Part 10-2: Classification of Areas — Combustible Dust Atmospheres
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
511	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages	
	-	NFPA 88A-2023	Standard for Parking Structures
512	ICC IFC	International Fire Code	
	-	NFPA 1-2023	Fire Code
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 36-2025	Standard for Solvent Extraction Plants
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 70B-2023	Standard for Electrical Equipment Maintenance
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
513	NFPA 30-2024	Flammable and Combustible Liquids Code	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 409-2022	Standard on Aircraft Hangars
514	NFPA 2-2023	Hydrogen Technologies Code	
	-	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages
	-	NFPA 52-2023	Vehicular Natural Gas Fuel Systems Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 303-2026	Fire Protection Standard for Marinas and Boatyards
515	NFPA 30-2024	Flammable and Combustible Liquids Code	
516	NFPA 13-2025	Standard for the Installation of Sprinkler Systems	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 77-2024	Recommended Practice on Static Electricity

Article	Standard Number	Standard Title	
	-	NFPA 91-2026	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids
	-	NFPA 701-2023	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
620	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 66, third edition	Fixture Wire
	-	UL 504, third edition	Mineral-Insulated, Metal Sheathed Cable
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1569, fifth edition	Metal-Clad Cables
625	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
630	UL 1276, third edition	Welding Cable	
650	UL 1651, fourth edition	Optical Fiber Cable	
660	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
668	UL 4, fifteenth edition	Armored Cable	
	-	UL 62, twentieth edition	Flexible Cords and Cables
670	UL 1740, fourth edition	Standard for Robots and Robotic Equipment	
	-	UL 2011, seventh edition	Machinery
	-	UL 3100, first edition	Automated Mobile Platforms (AMPs)
675	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1263, sixth edition	Irrigation Cable
690	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
691	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
692	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire

Article	Standard Number	Standard Title	
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
694	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
700	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits	
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
701	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
	-	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
702	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
705	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
708	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
710	UL 3001, first edition	Distributed Energy Generation and Storage Systems	

Statement of Problem and Substantiation for Public Input

The 2026 NEC includes UL 3141, first edition Power Control Systems for Article 130. At the time of publication of the 2026 NEC and the submission of this PI, UL 3141 is not yet a standard. If the intent is to include outlines of investigation in this table, the title should be changed to reflect this. Suggest evaluating whether there are other OOIs included or not.

Submitter Information Verification

Submitter Full Name: Alexander Jahp
Organization:
Street Address:
City:
State:
Zip:
Submittal Date: Fri Mar 20 15:11:09 EDT 2026
Committee: NEC-P01

Public Input No. 2175-NFPA 70-2026 [Section No. A.1]

A.1 Referenced Publications.

Table A.1(1), Table A.1(2), and Table A.1(3) provide a list of publications that are referenced in this code. These references are current at the time of publication. New publications or modifications to existing publications can occur at any time while this edition of the code is in effect.

Table A.1(1) provides a list of NFPA publications referenced in this code. Table A.1(2) provides a list of product safety standards used for product listing where that listing is required by this code. Table A.1(3) provides a list of other publications referenced in this code.

Table A.1(1) NFPA Standards Referenced in NEC

Standard Number	Standard Title	Current Edition	Extract Edition
1	Fire Code	2024	-
2	Hydrogen Technologies Code	2023	-
13	Standard for the Installation of Sprinkler Systems	2025	-
13D	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	2025	-
20	Standard for the Installation of Stationary Pumps for Fire Protection	2025	2025
30	Flammable and Combustible Liquids Code	2024	-
30A	Code for Motor Fuel Dispensing Facilities and Repair Garages	2024	2024
32	Standard for Drycleaning Facilities	2021	-
33	Standard for Spray Application Using Flammable or Combustible Materials	2024	2024
34	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids	2024	2024
35	Standard for the Manufacture of Organic Coatings	2021	-
36	Standard for Solvent Extract Plants	2025	-
37	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines	2024	-
40	Standard for the Storage and Handling of Cellulose Nitrate Film	2025	-
45	Standard on Protection for Laboratories Using Chemicals	2024	-
52	Vehicular Natural Gas Fuel Systems Code	2026	-
54	National Fuel Gas Code	2024	-
55	Compressed Gases and Cryogenic Fluids Code	2026	-
58	Liquified Petroleum Gas Code	2024	-
59	Utility LP-Gas Plant Code	2024	-
70	National Electrical Code®	2026	-
70B	Standard for Electrical Equipment Maintenance	2023	-
70E®	Standard for Electrical Safety in the Workplace®	2024	-
72	National Fire Alarm and Signaling Code®	2025	-
75	Standard for the Fire Protection of Information Technology Equipment	2024	2024
77	Recommended Practice on Static Electricity	2024	-
79	Electrical Standard for Industrial Machinery	2024	2024
80	Standard for Fire Doors and Other Opening Protectives	2025	-
88A	Standard for Parking Structures	2023	-
90A	Standard for the Installation of Air-Conditioning and Ventilating Systems	2024	-
90B	Standard for the Installation of Warm Air Heating and Air-Conditioning Systems	2024	-

Standard Number	Standard Title	Current Edition	Extract Edition
91	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids	2026	-
99	Health Care Facilities Code	2024	2024
101®	Life Safety Code®	2024	2024
110	Standard for Emergency and Standby Power Systems	2025	2025
111	Standard for Stored Electrical Energy Emergency and Standby Power Systems	2025	-
220	Standard on Types of Building Construction	2024	-
262	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces	2023	-
303	Fire Protection Standard for Marinas and Boatyards	2026	2021
307	Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves	2021	2021
409	Standard on Aircraft Hangers	2022	-
496	Standard for Purged and Pressurized Enclosures for Electrical Equipment	2024	-
497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	-
499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	2024
505	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	2024	-
701	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films	2023	-
730	Guide for Premises Security	2023	-
780	Standard for the Installation of Lightning Protection Systems	2026	-
790	Standard for the Competency of Third-Party Field Evaluation Bodies	2024	2024
820	Standard for Fire Protection in Wastewater Treatment and Collection Facilities	2024	-
853	Standard for the Installation of Stationary Fuel Cell Power Systems	2025	-
855	Standard for the Installation of Stationary Energy Storage Systems	2026	-
1192	Standard on Recreational Vehicles	2026	2021
1660	Standard for Emergency, Continuity, and Crisis Management: Preparedness, Response, and Recovery	2024	-
5000	Building Construction and Safety Code®	2024	-

Table A.1(2) Product Safety Standards for Conductors and Equipment That Have an Associated Listing Requirement

Article	Standard Number	Standard Title
110	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies

Article	Standard Number	Standard Title	
	-	UL 305, sixth edition	Panic Hardware
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
130	UL 916, fifth edition	Energy Management Equipment	
	-	UL 3141, first edition	Power Control Systems
210	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground Fault Circuit Interrupters
	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters
225	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
230	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 218, third edition	Fire Pump Controllers

Article	Standard Number	Standard Title	
	-	UL 231, tenth edition	Power Outlets
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 414, ninth edition	Meter Sockets
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 857, thirteenth edition	Busways
	-	UL 869A, fourth edition	Reference Standard for Service Equipment
	-	UL 891, twelfth edition	Switchboards
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1062, third edition	Unit Substations
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit

Article	Standard Number	Standard Title	
	-	UL 1740, fourth edition	Robots and Robotic Equipment
	-	UL 1953, seventh edition	Power Distribution Blocks
	-	UL 2011, seventh edition	Machinery
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2416, first edition	Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems
	-	UL 2446, first edition	Unitary Boiler Room Systems
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 2735, first edition	Electric Utility Meters
	-	UL 2745, first edition	Meter Socket Adapters for Communications Equipment
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
	-	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
240	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements	
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 2: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-11, third edition	Low-Voltage Fuses — Part 11: Plug Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses

Article	Standard Number	Standard Title	
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures
	-	UL 489I, second edition	Solid State Molded-Case Circuit Breakers
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
242	UL 1449, fifth edition	Surge Protective Devices	
250	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 153, thirteenth edition	Portable Electric Luminaires
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel

Article	Standard Number	Standard Title	
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1652, third edition	Flexible Metallic Tubing
270	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
300	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 263, fourteenth edition	Fire Tests of Building Construction and Materials
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords

Article	Standard Number	Standard Title	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
310	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 83B, first edition	Switchboard and Switchgear Wires and Cables
	-	UL 224, seventh edition	Extruded Insulating Tubing
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 854, twelfth edition	Service-Entrance Cables
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1441, fifth edition	Coated Electrical Sleeving
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
312	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2808, first edition	Energy Monitoring Equipment
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-030: Particular Requirements for Testing and Measuring Circuits
314	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations

Article	Standard Number	Standard Title	
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 1953, seventh edition	Power Distribution Blocks
315	ANSI C119.4	Electric Connectors — Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93ºC and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100ºC	
	-	IEEE 48	IEEE Standard for Test Procedures and Requirements for Alternating-Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV
	-	IEEE 386	IEEE Standard for Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV
	-	IEEE 404	IEEE Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2.5 kV to 500 kV
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 1072, fourth edition	Medium Voltage Power Cables

Article	Standard Number	Standard Title	
	-	UL 1569, fifth edition	Metal-Clad Cables
320	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
322	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
324	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
330	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
332	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable	
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
334	UL 719, thirteenth edition	Nonmetallic-Sheathed Cables	
	-	UL 2256, first edition	Nonmetallic Sheathed Cable Interconnects
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
335	UL 2250, third edition	Instrumentation Tray Cable	
336	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members

Article	Standard Number	Standard Title	
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
337	UL 1309A, first edition	Cable for Use in Mobile Installations	
338	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 854, twelfth edition	Service-Entrance Cables
340	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
342	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
344	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
348	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
350	UL 360, seventh edition	Liquid-Tight Flexible Steel Conduit	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
352	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings	
353	UL 651A, sixth edition	High Density Polyethylene (HDPE) Conduit	
354	UL 1990, fourth edition	Nonmetallic Underground HDPE Conduit with Conductors	
355	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings	
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
	-	UL 2515A, first edition	Supplemental Requirements for Extra-Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
356	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
358	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
360	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1652, third edition	Flexible Metallic Tubing
362	UL 1653, third edition	Electrical Nonmetallic Tubing	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
366	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
368	UL 509, second edition	Bus Drop Cable	
370	ANSI/CSA C22.2 No. 273	Cablebus	
371	UL 1386, first edition	Flexible Bus Systems	
	-	UL 1387, first edition	Flexible Insulated Bus
374	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings	
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
376	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
	-	UL 1953, seventh edition	Power Distribution Blocks
378	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
382	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	

Article	Standard Number	Standard Title	
	-	UL183, fourth edition	Manufactured Wiring Systems
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
-		UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 498M, first edition	Marine Shore Power Inlets
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 991, third edition	Tests for Safety-Related Controls Employing Solid-State Devices
	-	UL 1077, seventh edition	Supplementary Protectors for Use in Electrical Equipment
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1998, third edition	Software in Programmable Components
384	UL 5B, second edition	Strut-Type Channel Raceways and Fittings	
386	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
388	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	
392	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations	
393	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1310, seventh edition	Class 2 Power Units

Article	Standard Number	Standard Title	
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 2577, first edition	Suspended Ceiling Power Grid Systems and Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
396	UL 1072, fourth edition	Medium-Voltage Power Cables	
404	ANSI/NEMA WD 6–2016	Wiring Devices — Dimensional Specifications	
	-	UL 20, fourteenth edition	General-Use Snap Switches
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 98A, second edition	Open-Type Switches
	-	UL 363, eleventh edition	Knife Switches
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 773, fifth edition	Plug-In Locking Type Photocontrols for Use with Area Lighting
	-	UL 773A, sixth edition	Nonindustrial Photoelectric Switches for Lighting Control
	-	UL 917, fifth edition	Clock-Operated Switches
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1472, second edition	Solid-State Dimming Controls
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-7, third edition	Automatic Electrical Controls — Part 2–7: Particular Requirements for Timers and Time Switches
406	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection

Article	Standard Number	Standard Title		
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts	
	-	UL 498M, first edition	Marine Shore Power Inlets	
	-	UL 514A, eleventh edition	Metallic Outlet Boxes	
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers	
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters	
	-	UL 943B, third edition	Appliance Leakage-Current Interrupters	
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters	
	-	UL 970, first edition	Retail Fixtures and Merchandise Displays	
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
	-	UL 1286, sixth edition	Office Furnishings Systems	
	-	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1682, fifth edition	Plugs, Receptacles, and Cable Connectors, of the Pin and Sleeve Type	
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors	
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters	
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters	
	-	-	-	See 406.4(D)(4)(1)
	-	UL 2999, first edition	Individual Commercial Office Furnishings	
408	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables		
	-	UL 67, thirteenth edition	Panelboards	
	-	UL 891, twelfth edition	Switchboards	
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear	
409	UL 508, eighteenth edition	Industrial Control Equipment		
	-	UL 508A, third edition	Industrial Control Panels	
410	ANSI/CSA-C22.2 No. 184.2	Solid-State Controls for Lighting Systems (SSCLS)		

Article	Standard Number	Standard Title	
	-	UL 153, thirteenth edition	Portable Electric Luminaires
	-	UL 496, fourteenth edition	Lampholders
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 542, ninth edition	Fluorescent Lamp Starters
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 970, first edition	Retail Fixtures and Merchandising Displays
	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1029A, first edition	Ignitors and Related Auxiliaries for HID Lamp Ballasts
	-	UL 1574, third edition	Track Lighting Systems
	-	UL 1598, fifth edition	Luminaires
	-	UL 1598B, first edition	Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires, Supplemental Requirements
	-	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
	-	UL 1993, sixth edition	Self-Ballasted Lamps and Lamp Adapters
	-	UL 2388, second edition	Flexible Lighting Products
	-	UL 8750, second edition	Light Emitting Diode (LED) Equipment for Use in Lighting Products
	-	UL 8752, second edition	Organic Light Emitting Diode (OLED) Panels
	-	UL 8753, second edition	Field-Replaceable Light Emitting Diode (LED) Light Engines
	-	UL 8754, second edition	Holders, Bases and Connectors for Solid-State (LED) Light Engines and Arrays
	-	UL 8800, first edition	Horticultural Lighting Equipment and Systems

Article	Standard Number	Standard Title	
	-	UL 8802, first edition	Ultraviolet (UV) Germicidal Equipment and Systems
	-	UL 8803, first edition	Portable UV Germicidal Equipment With Uncontained UV Sources
411	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1838, third edition	Low-Voltage Landscape Lighting Systems
	-	UL 2108, second edition	Low-Voltage Lighting Systems
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
422	ANSI/CSA-C22.2 No. 339	Hand-held motor-operated electric tools — Safety — Particular requirements for chain beam saws	
	-	UL 22, sixth edition	Amusement and Gaming Machines
	-	UL 73, tenth edition	Motor-Operated Appliances
	-	UL 82, ninth edition	Electric Gardening Appliances
	-	UL 122, fifth edition	Photographic Equipment
	-	UL 141, ninth edition	Garment Finishing Appliances
	-	UL 174, eleventh edition	Household Electric Storage Tank Water Heaters
	-	UL 197, tenth edition	Commercial Electric Cooking Appliances
	-	UL 283, third edition	Air Fresheners and Deodorizers
	-	UL 325, seventh edition	Door, Drapery, Gate, Louver, and Window Operators and Systems
	-	UL 399, eighth edition	Drinking Water Coolers
	-	UL 430, eighth edition	Waste Disposers
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 499, fourteenth edition	Electric Heating Appliances
	-	UL 507, tenth edition	Electric Fans
	-	UL 514A, eleventh edition	Metallic Outlet Boxes

Article	Standard Number	Standard Title	
	-	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications
	-	UL 561, seventh edition	Floor Finishing Machines
	-	UL 574, eighth edition	Electric Oil Heaters
	-	UL 621, seventh edition	Ice Cream Makers
	-	UL 705, seventh edition	Power Ventilators
	-	UL 710B, second edition	Recirculating Systems
	-	UL 749, twelfth edition	Household Dishwashers
	-	UL 751, ninth edition	Vending Machines
	-	UL 763, fifth edition	Motor-Operated Commercial Food Preparing Machines
	-	UL 778, sixth edition	Motor-Operated Water Pumps
	-	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
	-	UL 858, sixteenth edition	Household Electric Ranges
	-	UL 859, eleventh edition	Household Electric Personal Grooming Appliances
	-	UL 875, tenth edition	Electric Dry-Bath Heaters
	-	UL 921, eighth edition	Commercial Dishwashers
	-	UL 923, seventh edition	Microwave Cooking Appliances
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 962, fifth edition	Household and Commercial Furnishings
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 979, second edition	Water Treatment Appliances
	-	UL 982, eighth edition	Motor-Operated Household Food Preparing Machines
	-	UL 987, eighth edition	Stationary and Fixed Electric Tools
	-	UL 1017, tenth edition	Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines
	-	UL 1026, sixth edition	Household Electric Cooking and Food Serving Appliances
	-	UL 1086, sixth edition	Household Trash Compactors
	-	UL 1090, seventh edition	Electric Snow Movers
	-	UL 1206, fourth edition	Electric Commercial Clothes-Washing Equipment

Article	Standard Number	Standard Title	
	-	UL 1240, fourth edition	Electric Commercial Clothes-Drying Equipment
	-	UL 1278, fourth edition	Movable and Wall- or Ceiling-Hung Electric Room Heaters
	-	UL 1447, sixth edition	Electric Lawn Mowers
	-	UL 1450, fourth edition	Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment
	-	UL 1453, sixth edition	Electric Booster and Commercial Storage Tank Water Heaters
	-	UL 1576, second edition	Flashlights and Lanterns
	-	UL 1594, fourth edition	Sewing and Cutting Machines
	-	UL 1647, sixth edition	Motor-Operated Massage and Exercise Machines
	-	UL 1727, fifth edition	Commercial Electric Personal Grooming Appliances
	-	UL 1776, third edition	High-Pressure Cleaning Machines
	-	UL 2157, fourth edition	Electric Clothes Washing Machines and Extractors
	-	UL 2158, sixth edition	Electric Clothes Dryers
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 60335-2-3, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-3: Particular Requirements for Electric Irons
	-	UL 60335-2-8, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-8: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances
	-	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances, and Ice-Makers
-		UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60335-2-67, second edition	Household and Similar Electrical Appliances — Safety — Part 2-67: Particular Requirements for Floor Treatment Machines, For Commercial Use
	-	UL 60335-2-68, first edition	Household and Similar Electrical Appliances — Safety — Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use
	-	UL 60335-2-79, first edition	Household and Similar Electrical Appliances — Safety — Part 2-79: Particular Requirements for High Pressure Cleaners and Steam Cleaners

Article	Standard Number	Standard Title	
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
	-	UL 60745-1, fourth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 1: General Requirements
	-	UL 60745-2-1, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-1: Particular Requirements for Drills and Impact Drills
	-	UL 60745-2-2, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches
	-	UL 60745-2-3, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-3: Particular Requirements for Grinders, Polishers, and Disk-Type Sanders
	-	UL 60745-2-4, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type
	-	UL 60745-2-5, fifth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-5: Particular Requirements for Circular Saws
	-	UL 60745-2-6, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-6: Particular Requirements for Hammers
	-	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements for Shears and Nibblers
	-	UL 60745-2-9, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-9: Particular Requirements for Tappers
	-	UL 60745-2-11, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-11: Particular Requirements for Reciprocating Saws
	-	UL 60745-2-12, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-12: Particular Requirements For Concrete Vibrators
	-	UL 60745-2-13, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-13: Particular Requirements For Chain Saws
	-	UL 60745-2-14, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-14: Particular Requirements for Planers
	-	UL 60745-2-15, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-15: Particular Requirements for Hedge Trimmers
	-	UL 60745-2-16, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-16: Particular Requirements for Tackers
	-	UL 60745-2-17, third edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-17: Particular Requirements for Routers and Trimmers
	-	UL 60745-2-18, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-18: Particular

Article	Standard Number	Standard Title	
			Requirements For Strapping Tools
	-	UL 60745-2-19, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-19: Particular Requirements for Jointers
	-	UL 60745-2-20, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-20: Particular Requirements for Band Saws
	-	UL 60745-2-21, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-21: Particular Requirements For Drain Cleaners
	-	UL 60745-2-22, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-22: Particular Requirements for Cut-Off Machines
	-	UL 60745-2-23, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-23: Particular Requirements for Die Grinders and Small Rotary Tools
	-	UL 62841-1, first edition	Electric Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
-		UL 62841-2-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	-	UL 62841-2-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-2: Particular Requirements For Hand-Held Screwdrivers And Impact Wrenches
	-	UL 62841-2-3, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Disk-Type Polishers, and Disk-Type Sanders
	-	UL 62841-2-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	-	UL 62841-2-5, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	-	UL 62841-2-8, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	-	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders

Article	Standard Number	Standard Title	
	-	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	-	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	-	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	-	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	-	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	-	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	-	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
	-	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	-	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws
	-	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10: Particular Requirements for Transportable Cut-Off Machines
	-	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular Requirements for Transportable Threading Machines
	-	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13:

Article	Standard Number	Standard Title	
			Particular Requirements For Transportable Drills
	-	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular Requirements for Transportable Drain Cleaners
	-	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	-	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	-	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	-	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
424	UL 499, fourteenth edition	Electric Heating Appliances	
	-	UL 1042, fifth edition	Electric Baseboard Heating Equipment
	-	UL 1673, third edition	Electric Space Heating Cables
	-	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	-	UL 1995, fifth edition	Heating and Cooling Equipment
	-	UL 1996, fourth edition	Electric Duct Heaters
	-	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
	-	UL 2683, first edition	Electric Heating Products for Floor and Ceiling Installation
425	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
426	IEEE 515	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications	
	-	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units

Article	Standard Number	Standard Title	
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
427	IEEE 515-2017	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications	
	-	UL 515, second edition	Electrical Resistance Trace Heat for Commercial Applications
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 4, fifteenth edition	Armored Cable	
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 705, seventh edition	Power Ventilators
	-	UL 745-1, second edition	Portable Electric Tools
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 987, eighth edition	Stationary and Fixed Electric Tools
	-	UL 1004-1, second edition	Rotating Electrical Machines — General Requirements
	-	UL 1004-2, second edition	Impedance Protected Motors
	-	UL 1004-3, second edition	Thermally Protected Motors
	-	UL 1004-6, second edition	Servo and Stepper Motors
	-	UL 1004-7, third edition	Electronically Protected Motors
	-	UL 1004-8, second edition	Inverter Duty Motors
	-	UL 1004-9, first edition	Form Wound and Medium Voltage Rotating Electrical Machines
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1569, fifth edition	Metal Clad Cables
	-	UL 1812, fourth edition	Ducted Heat Recovery Ventilators
	-	UL 1815, fifth edition	Nonducted Heat Recovery Ventilators

Article	Standard Number	Standard Title	
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 60034-1, third edition	Rotating Electrical Machines — Part 1: Rating and Performance
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60730-2-22, first edition	Automatic Electrical Controls — Part 2-22: Particular Requirements for Thermal Motor Protectors
	-	UL 60745-1, fourth edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
	-	UL 60745-2-1, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	-	UL 60745-2-2, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-2: Particular Requirements For Screwdrivers And Impact Wrenches
	-	UL 60745-2-3, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Polishers, and Disk-Type Sanders
	-	UL 60745-2-4, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	-	UL 60745-2-5, fifth edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	-	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	-	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	-	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	-	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	-	UL 60947-5-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-1: Control Circuit Devices and Switching Elements — Electromechanical Control Circuit Devices
	-	UL 60947-5-2, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-2: Control Circuit Devices and

Article	Standard Number	Standard Title	
			Switching Elements — Proximity Switches
-		UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	-	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders
	-	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	-	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	-	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	-	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	-	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	-	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	-	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
	-	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	-	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws
	-	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10:

Article	Standard Number	Standard Title	
			Particular requirements for Transportable Cut-Off Machines
	-	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular requirements for Transportable Threading Machines
	-	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13: Particular Requirements For Transportable Drills
	-	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular requirements for Transportable Drain Cleaners
	-	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	-	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	-	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	-	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
440	UL 98, fourteenth edition	Enclosed and Dead-Front Switches	
	-	UL 416, fourth edition	Refrigerated Medical Equipment
	-	UL 484, ninth edition	Room Air Conditioners
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 541, ninth edition	Refrigerated Vending Machines
	-	UL 563, eighth edition	Ice Makers
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1995, fifth edition	Heating and Cooling Equipment

Article	Standard Number	Standard Title	
	-	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60335-2-89, second edition	Household and Similar Electrical Appliances — Safety — Part 2-89: Particular Requirements for Commercial Refrigerating Appliances and Ice Makers with an Incorporated or Remote Refrigerant Unit or Compressor
	-	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	-	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	-	UL 61800-5-2, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-2: Safety Requirements — Functional
445	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
450	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 305, sixth edition	Panic Hardware
	-	UL 340, sixth edition	Tests for Comparative Flammability of Liquids
	-	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
480	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 305, sixth edition	Panic Hardware

Article	Standard Number	Standard Title	
	-	UL 1642, sixth edition	Lithium Batteries
	-	UL 1973, third edition	Batteries for Use in Stationary and Motive Auxiliary Power Applications
	-	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	-	UL 2054, third edition	Household and Commercial Batteries
	-	UL 4127, second edition	Low Voltage Battery Cable
	-	UL 4128, fifth edition	Intercell and Intertier Connectors for use in Electrochemical Battery System Applications
495	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers	
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	-	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15kV
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
500	FM 121303	Guide for Use of Detectors for Flammable Gases	
	-	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified)
	-	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations

Article	Standard Number	Standard Title	
	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation.
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	-	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
501	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment

Article	Standard Number	Standard Title	
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1072, fourth edition	Medium-Voltage Power Cables
	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
	-	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
502	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures —	

Article	Standard Number	Standard Title	
		General, Testing, Marking, and Documentation Requirements	
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
503	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations

Article	Standard Number	Standard Title	
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
504	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations	
	-	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations
	-	UL 120202, first edition	Recommendations for the Preparation, Content, and Organization of Intrinsic Safety Control Drawings
505	FM 121303	Guide for Use of Detectors for Flammable Gases	
	-	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	-	UL 60079-1, seventh edition	Explosive Atmospheres — Part 1: Equipment Protection by Flameproof Enclosures “d”
	-	UL 60079-2, sixth edition	Explosive Atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-5, fourth edition	Explosive Atmospheres — Part 5: Type of Equipment Protectionby Powder Filling
	-	UL 60079-6, fourth edition	Explosive Atmospheres — Part 6: Equipment Protection by Liquid Immersion “o”
	-	UL 60079-7, fifth edition	Explosive Atmospheres — Part 7: Equipment Protection by Increased Safety “e”
	-	UL 60079-10-1, first edition	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive Gas Atmospheres
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety “i”

Article	Standard Number	Standard Title	
	-	UL 60079-13, second edition	Explosive Atmospheres — Part 13: Equipment Protection by Pressurized Room “p” and Artificially Ventilated Room “v”
	-	UL 60079-15, fifth edition	Explosive Atmospheres — Part 15: Equipment Protection by Type of Protection “n”
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	-	UL 60079-26, third edition	Explosive Atmospheres — Part 26: Equipment with Equipment Protection Level (EPL) Ga
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b”, Liquid Immersion “k”
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
506	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and	

Article	Standard Number	Standard Title	
		Documentation Requirements	
	-	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	-	UL 60079-2, sixth edition	Explosive atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety "i"
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-31, second edition	Explosive Atmospheres — Part 31: Equipment Dust Ignition Protection by Enclosure “t”
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 62784, first edition	Vacuum Cleaners and Dust Extractors Providing Equipment Protection Level Dc for the Collection of Combustible Dusts — Particular Requirements
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b“, Liquid Immersion “k”
512	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations	

Article	Standard Number	Standard Title	
516	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials	
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
517	AAMI ES 60601-1	Medical electrical equipment — Part 1: General requirements for basic safety and essential performance	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1022, fifth edition	Line Isolation Monitors
	-	UL 1047, sixth edition	Isolated Power Systems Equipment
	-	UL 1286, sixth edition	Office Furnishing Systems
	-	UL 2930, first edition	Cord-and-Plug-connected Health Care Facility Outlet Assemblies
	-	UL 60601-1, first edition	Medical Electrical Equipment — Part 1: General Requirements for Safety
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
518	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts

Article	Standard Number	Standard Title	
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 2305, first edition	Exhibition Display Units, Fabrication and Installation
520	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 334, second edition	Theater Lighting Distribution and Control Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 891, twelfth edition	Switchboards
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
522	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 2250, third edition	Instrumentation Tray Cable
525	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
530	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1479-2-15, fourth edition	Fire Tests of Penetration Firestops
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1680, second edition	Stage and Lighting Cables
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors

Article	Standard Number	Standard Title	
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
540	UL 67, thirteenth edition	Panelboards	
	-	UL 943, fifth edition	Ground-Fault Circuit Interrupters
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
545	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 20, fourteenth edition	General Use Snap Switches
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
547	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 62, twentieth edition	Flexible Cords and Cables

Article	Standard Number	Standard Title	
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1598, fifth edition	Luminaires
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
550	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 307A, ninth edition	Liquid Fuel-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	-	UL 307B, fifth edition	Gas-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low-Voltage Lighting Systems
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
551	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1598, fifth edition	Luminaires

Article	Standard Number	Standard Title	
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2299, first edition	Ground Monitor Interrupters
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
552	SAE J1128-2015	Low Voltage Primary Cable, for Types GXL, HDT, and SXL	
	-	SAE J1127-2015	Low Voltage Battery Cable, for Types SGT and SGR
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for Use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 430, eighth edition	Waste Disposers
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 916, fifth edition	Energy Management Equipment

Article	Standard Number	Standard Title	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low Voltage Lighting Systems
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
555	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 231, tenth edition	Power Outlets
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1399, first edition	Leakage Current Measurement Devices for Use in Marina Applications
	-	UL 1650, first edition	Portable Power Cable
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
590	UL 496, fourteenth edition	Lampholders	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1088, seventh edition	Temporary Lighting Strings
	-	UL 1377, first edition	Wire used in Low Voltage Seasonal Lighting Products In Circuits With a

Article	Standard Number	Standard Title	
			Maximum Available Power of 15W
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
600	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 13, fourth edition	Power-Limited Circuit Cables
	-	UL 48, fifteenth edition	Electric Signs
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 814, twelfth edition	Gas-Tube-Sign Cable
	-	UL 879, ninth edition	Electric Sign Components
	-	UL 879A, first edition	LED Sign and Sign Retrofit Kits
	-	UL 879B, first edition	Polymeric Enclosure Systems for the Splice Between Neon Tubing Electrode Leads and GTO Cable, and the GTO Cable Leading to the Splice
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2161, second edition	Neon Transformers and Power Supplies
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground

Article	Standard Number	Standard Title	
			Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 3703, first edition	Solar Trackers
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements For Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements For Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: Particular Requirements for Inverters
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
604	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 183, fourth edition	Manufactured Wiring Systems
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit

Article	Standard Number	Standard Title	
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 857, thirteenth edition	Busways
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
605	UL 962, fifth edition	Household and Commercial Furnishings	
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 1286, sixth edition	Office Furnishings Systems
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 2999, first edition	Individual Commercial Office Furnishings
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
610	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 2273, second edition	Festoon Cable
620	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 104, twelfth edition	Elevator Door Locking Devices and Contacts
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-

Article	Standard Number	Standard Title	
			Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
624	UL 9741A	Onboard Electric Vehicle Power Export and Import Equipment	
625	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2202, third edition	DC Charging Equipment for Electric Vehicles
	-	UL 2231-1, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 1: General Requirements
	-	UL 2231-2, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 2: Particular Requirements for Protection Devices for Use in Charging Systems
	-	UL 2251-, fourth edition	Plugs, Receptacles and Couplers for Electrical Vehicles
	-	UL 2580, third edition	Batteries for Use in Electric Vehicles
	-	UL 2594, third edition	Electric Vehicle Supply Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
626	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 231, tenth edition	Power Outlets
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1651, fourth edition	Optical Fiber Cable

Article	Standard Number	Standard Title	
	-	UL 1686, fifth edition	Pin and Sleeve Configurations
630	UL 551, eighth edition	Transformer-Type Arc-Welding Machines	
640	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 813, seventh edition	Commercial Audio Equipment
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1419, fourth edition	Professional Video and Audio Equipment
	-	UL 1492, second edition	Audio-Video Products and Accessories
	-	UL 1711, fourth edition	Amplifiers for Fire Protective Signaling Systems
	-	UL 2269, fourth edition	Optical Fiber/Communications/Signaling/Coaxial Cable Outlet Boxes
	-	UL 6500, second edition	Audio/Video and Musical Instrument Apparatus for Household, Commercial, and Similar General Use
	-	UL 60065, eighth edition	Audio, Video and Similar Electronic Apparatus — Safety Requirements
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
645	UL 38, eighth edition	Manual Signaling Boxes for Fire Alarm Systems	
	-	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems
	-	UL 444, fifth edition	Communications Cables
	-	UL 464, eleventh edition	Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire Alarm Circuits
	-	UL 833, first edition	Control Units and Accessories for Fire Alarm Systems
	-	UL 864, eleventh edition	Control Units and Accessories for Fire Alarm Systems
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1425, third edition	Cables for Non-Power-Limited Fire-Alarm Circuits
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories

Article	Standard Number	Standard Title	
	-	UL 1638, sixth edition	Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1690, fourth edition	Data-Processing Cable
-		UL 1778, fifth edition	Uninterruptible Power Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 60950-1, second edition	Information Technology Equipment — Safety — Part 1: General Requirements
	-	UL 60950-21, first edition	Information Technology Equipment — Safety — Part 21: Remote Power Feeding
	-	UL 60950-22, second edition	Information Technology Equipment — Safety — Part 22: Equipment to be Installed Outdoors
	-	UL 60950-23, first edition	Information Technology Equipment — Safety — Part 23: Large Data Storage Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
646	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 305, sixth edition	Panic Hardware
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 869A, fourth edition	Reference Standard for Service Equipment
	-	UL 891, twelfth edition	Switchboards

Article	Standard Number	Standard Title	
	-	UL 924, tenth edition	Emergency Lighting and Power Equipment
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1062, third edition	Unit Substations
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1655, second edition	Community-Antenna Television Cables
	-	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	-	UL 2755, second edition	Modular Data Centers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
647	UL 1598, fifth edition	Luminaires	
650	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
670	ANSI/CSA-C22.2 No. 19085-1	Woodworking machines — Safety — Part 1: Common requirements	
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
675	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	

Article	Standard Number	Standard Title	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
680	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 20, fourteenth edition	General Use Snap-Switches
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 379, first edition	Power Units for Fountain, Swimming Pool, and Spa Luminaires
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 676A, third edition	Potting Compounds for Swimming Pool, Fountain, and Spa Equipment
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1004-10, first edition	Pool Pump Motors
	-	UL 1081, seventh edition	Swimming Pool Pumps, Filters, and Chlorinators
	-	UL 1241, seventh edition	Junction Boxes for Swimming Pool Luminaires
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1261, sixth edition	Electric Water Heaters for Pools and Tubs
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1795, fifth edition	Hydromassage Bathtubs
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
	-	UL 2452, first edition	Electric Swimming Pool and Spa Cover Operators
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2995, first edition	Lifts for Swimming Pools and Spas
	-	UL 60335-2-1000, first edition	Household and Similar Electrical Appliances: Particular Requirements for Electrically Powered Pool Lifts
682	UL 486D, seventh edition	Sealed Wire Connector Systems	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1838, third edition	Low Voltage Landscape Lighting Systems
690	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems	
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1703, third edition	Flat-Plate Photovoltaic Modules and Panels
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables

Article	Standard Number	Standard Title	
	-	UL 3703, first edition	Solar Trackers
	-	UL 3730, first edition	Photovoltaic Junction Boxes
	-	UL 3741, first edition	Photovoltaic Hazard Control
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	-	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements for Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements for Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
692	UL 2262, second edition	Fuel Cell Modules for Use in Portable and Stationary Equipment	
	-	UL 2262A, second edition	Borohydride Fuel Cartridges with Integral Fuel Processing for Use with Portable Fuel Cell Power Systems or Similar Equipment
	-	UL 2265, first edition	Fuel Cell Power Units and Fuel Storage Containers for Portable Devices
	-	UL 2265C, first edition	Hand-Held or Hand-Transportable Alkaline (Direct Borohydride) Fuel Cell Power Units and Borohydride Fuel Cartridges For Use With Consumer Electronics or Information Technology Equipment
	-	UL 2266, first edition	Electromagnetic Compatibility, Electrical Safety, and Physical Protection of Stationary and Portable Fuel Cell Power Systems for Use with Commercial Network Telecommunications Equipment

Article	Standard Number	Standard Title	
	-	UL 2267, third edition	Fuel Cell Power Systems for Installation in Industrial Electric Trucks
694	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 489C, first edition	Molded-Case Circuit Breakers and Molded-Case Switches for Use with Wind Turbines
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2277, fifth edition	Flexible Motor Supply Cable and Wind Turbine Tray Cable
	-	UL 2736, first edition	Single Pole Separable Interconnecting Cable Connectors for Use with Wind Turbine Generating Systems
	-	UL 4143, first edition	Wind Turbine Generator — Life Time Extension (LTE)
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
695	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 218, third edition	Fire Pump Controllers
	-	UL 448, twelfth edition	Centrifugal Stationary Pumps for Fire-Protection Service
	-	UL 448B, second edition	Residential Fire Pumps Intended for One- and Two-Family Dwellings and Manufactured Homes
	-	UL 448C, second edition	Stationary, Rotary-Type, Positive-Displacement Pumps for Fire Protection Service
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1004-5, second edition	Fire Pump Motors
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
700	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
701	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
702	UL 98, fourteenth edition	Enclosed and Dead-Front Switches	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
705	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2200, third edition	Stationary Engine Generator Assemblies

Article	Standard Number	Standard Title	
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
706	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses	
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 489H, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures, for Use with Direct Current (DC) Microgrids
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures

Article	Standard Number	Standard Title	
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 9540, third edition	Energy Storage Systems and Equipment
708	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
710	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources	
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 62109-1, first edition	Power Converters for use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
722	UL 13, fourth edition	Power-Limited Circuit Cables	

Article	Standard Number	Standard Title	
	-	UL 444, fifth edition	Communications Cables
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2044, fourth edition	Commercial Closed-Circuit Television Equipment
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
725	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 9990, first edition	Information and Communication Technology (ICT) Power Cables
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 61010-2-201, second edition	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-201: Particular Requirements for Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
726	UL 1400-1, first edition	Fault-Managed Power Systems — 1 General Requirements	
	-	UL 1400-2, first edition	Fault-Managed Power Systems — 2 Requirements for Cables
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
728	UL 5, fifteenth edition	Surface Metal Raceways and	

Article	Standard Number	Standard Title	
		Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 568, first edition	Nonmetallic Cable Tray Systems
	-	UL 884, thirteenth edition	Underfloor Raceways and Fittings
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
750	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	-	UL 497A, third edition	Secondary Protectors for Communication Circuits
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire-Alarm Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
760	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems	
	-	UL 268A, fourth edition	Smoke Detectors for Duct Application
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 497B, fourth edition	Protectors for Data Communication and Fire Alarm Circuits
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1425, third edition	Cables for Non–Power-Limited Fire-Alarm Circuits
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories

Article	Standard Number	Standard Title	
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
800	UL 444, fifth edition	Communications Cables	
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 489A, first edition	Circuit Breakers for Use in Communication Equipment
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 498A, second edition	Current Taps and Adapters
	-	UL 523, second edition	Telephone Service Drop Wire
	-	UL 568, first edition	Nonmetallic Cable Tray Systems
	-	UL 723, eleventh edition	Test for Surface Burning Characteristics of Building Materials
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 1863, fourth edition	Communication-Circuit Accessories
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces

Article	Standard Number	Standard Title	
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 60950-1, second edition	Information Technology Equipment
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
810	UL 150, fourth edition	Antenna Rotators	
	-	UL 452, seventh edition	Antenna-Discharge Units
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
820	UL 444, fifth edition	Communications Cables	
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 1655, second edition	Community-Antenna Television Cables
830	UL 444, fifth edition	Communications Cables	
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
Tables 11(A) and 11(B)	UL 1310, seventh edition	Class 2 Power Units	
	UL 1434, first edition	Thermistor-Type Devices	
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers	
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements	

Article	Standard Number	Standard Title
Tables 12(A) and 12(B)	UL 1310, seventh edition	Class 2 Power Units
	UL 1434, first edition	Thermistor-Type Devices
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements

Table A.1(3) Product Safety Standards for Conductors and Equipment That Do Not Have an Associated Listing Requirement and Other Referenced Publications

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Article	Standard Number	Standard Title	
110	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
	-	UL 969, fifth edition	Marking and Labeling Systems
	-	UL 9691, first edition	Recommended Practice for Nameplates for Use in Electrical Installations
210	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
215	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
240	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
245	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	NEMA C37.54	NEMA Standard Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
265	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	

Article	Standard Number	Standard Title	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
300	UL 635, third edition	Insulating Bushings	
314	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
320	UL 514A, eleventh edition	Metallic Outlet Boxes	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
322	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
324	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
330	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
332	UL 1565, sixth edition	Positioning Devices	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable

Article	Standard Number	Standard Title	
334	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
335	UL 2250, third edition	Instrumentation Tray Cable	
337	UL 1565, sixth edition	Positioning Devices	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
340	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	
342	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
344	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
348	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
350	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
352	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
353	UL 635, third edition	Insulating Bushings	

Article	Standard Number	Standard Title	
355	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
356	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
358	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
362	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
368	UL 857, thirteenth edition	Busways	
392	UL 568, first edition	Nonmetallic Cable Tray Systems	
400	NEMA WC 58-2017	Portable and Power Feeder Cables for Use in Mines and Similar Applications	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1680, second edition	Stage and Lighting Cables
	-	UL 2263, first edition	Electric Vehicle Cable
402	UL 66, third edition	Fixture Wire	
408	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
409	UL 1436, sixth edition	Outlet Circuit Testers and Other Similar Indicating Devices	
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-30: Particular Requirements for Testing and Measuring Circuits

Article	Standard Number	Standard Title	
424	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
	-	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	-	UL 1995, fifth edition	Heating and Cooling Equipment
	-	UL 1996, fourth edition	Electric Duct Heaters
	-	UL 60335-1, sixth edition	Safety of Household and Similar Electrical Appliances, Part 1: General Requirements
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2–40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
425	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
426	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units	
427	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications	
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 248-13, third edition	Low Voltage Fuses — Part 13: Semiconductor Fuses	
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
445	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
-	-	-	
450	IEEE C57.12.00	IEEE Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers	
	-	IEEE C57.12.28	IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity
	-	IEEE C57.12.29	IEEE C57.12.29 IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity for Coastal Environments -
	IEEE C57.12.59	IEEE Guide for Dry-Type Transformer Through-Fault Current Duration	
	IEEE C57.16	IEEE Standard for Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors	-
	IEEE C57.109	IEEE Guide for Liquid-Immersed Transformers Through-Fault Current Duration	

Article	Standard Number	Standard Title	
	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 1561, fourth edition	Dry-Type General Purpose and Power Transformers
	-	UL 1562, fourth edition	Transformers, Distribution, Dry-Type Over 600 Volts
	-	UL 5085, second edition	Low Voltage Transformers — Part 2: General Purpose Transformers
460	UL 810, sixth edition	Capacitors	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
	-	UL 60384-14, second edition	Fixed Capacitors for Use in Electronic Equipment — Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains
470	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
495	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.20.2	IEEE Standard for Metal-Clad Switchgear
	-	IEEE C37.20.3	IEEE Standard for Metal-Enclosed Interrupter Switchgear (1 kV–38 kV)
	-	IEEE C37.20.4	IEEE Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear
	-	IEEE C37.20.6	IEEE Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in

Article	Standard Number	Standard Title	
			Enclosures
	-	IEEE C37.20.9	IEEE Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems
	-	IEEE C37.23	IEEE Standard for Metal-Enclosed Bus
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.59	IEEE Standard for Requirements for Conversion of Power Switchgear Equipment
	-	IEEE C37.60	IEEE International Standard — High-voltage switchgear and controlgear — Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV
	-	IEEE C37.74	IEEE Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV
	-	NEMA C37.54	American National Standard for Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
	-	NEMA C37.55	American National Standard for Switchgear — Medium Voltage Metal-Clad Assemblies — Conformance Test Procedures
	-	NEMA C37.57	American National Standard for Switchgear — Metal-Enclosed Interrupter Switchgear Assemblies — Conformance Testing
	-	NEMA C37.58	American National Standard for Switchgear — Indoor AC Medium Voltage Switches for Use in Metal-Enclosed Switchgear — Conformance Test Procedures
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	-	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15KV
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 2748, first edition	Arcing Fault Quenching Equipment
	-	UL 2877, fourth edition	Power Supplies, Medium Voltage
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes

Article	Standard Number	Standard Title	
500	ANSI/IEEE C2	National Electrical Safety Code, Section 127A, Coal Handling Areas	
	-	ANSI/UL 121203	Recommended Practice for Portable/Personal Electronic Products Suitable for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2, Class III, Division 1, Class III, Division 2, Zone 21 and Zone 22 Hazardous (Classified) Locations
	-	API RP 14F	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Division 1 and Division 2 Locations
	-	API RP 500	Recommended Practice for Classification of Locations of Electrical Installations at Petroleum Facilities Classified as Class I, Division 1 and Division 2
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASHRAE 15	Safety Standard for Refrigeration Systems.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	IEEE 844.2	Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	IEEE/IEC International Standard for Explosive atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation, and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	-	ISA-12.10	Area Classification in Hazardous (Classified) Dust Locations
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 32-2021	Standard for Drycleaning Facilities
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids

Article	Standard Number	Standard Title	
	-	NFPA 35-2021	Standard for the Manufacture of Organic Coatings
	-	NFPA 36-2025	Standard for Solvent Extraction Plants
	-	NFPA 45-2024	Standard on Fire Protection for Laboratories Using Chemicals
	-	NFPA 55-2026	Compressed Gases and Cryogenic Fluids Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installation in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	-	NFPA 820-2024	Standard for Fire Protection in Wastewater Treatment and Collection Facilities
	-	UL 60079-29-2, second edition	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	-	UL 120002, second edition	Recommended Practice for Certificates for Equipment for Hazardous (Classified) Locations
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
-	-	-	
501	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
-	-	-	
503	NFPA 505-2024	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	
504	ISA-RP 12.06.01	Recommended Practice for Wiring Methods for Hazardous (Classified) Locations	

Article	Standard Number	Standard Title	
		Instrumentation — Part 1: Intrinsic Safety	
505	ANSI/API RP 14FZ	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Zone 0, Zone 1, and Zone 2 Locations	
	-	API RP 505	Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Zone 0, Zone 1, and Zone 2
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	EI 15	Model Code of Safe Practice, Part 15: Area Classification Code for Installations Handling Flammable Fluids
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	-	ISA-60079-10-1 (12.24.01)	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive gas atmospheres
	-	ISA-60079-29-2	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems

Article	Standard Number	Standard Title	
	-	UL 80079-20-1, first edition	Explosive Atmospheres — Part 20-1: Material Characteristics for Gas and Vapour Classification — Test Methods and Data
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
506	ASME B1.20.1	Pipe Threads, General Purpose (Inch)	
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	-	ISA-60079-10-2 (12.10.05)	Explosive Atmospheres — Part 10-2: Classification of Areas — Combustible Dust Atmospheres
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
511	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages	
	-	NFPA 88A-2023	Standard for Parking Structures
512	ICC IFC	International Fire Code	
	-	NFPA 1-2023	Fire Code
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 36-2025	Standard for Solvent Extraction Plants
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 70B-2023	Standard for Electrical Equipment Maintenance
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
513	NFPA 30-2024	Flammable and Combustible Liquids Code	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 409-2022	Standard on Aircraft Hangars
514	NFPA 2-2023	Hydrogen Technologies Code	

Article	Standard Number	Standard Title	
	-	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages
	-	NFPA 52-2023	Vehicular Natural Gas Fuel Systems Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 303-2026	Fire Protection Standard for Marinas and Boatyards
515	NFPA 30-2024	Flammable and Combustible Liquids Code	
516	NFPA 13-2025	Standard for the Installation of Sprinkler Systems	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 91-2026	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids
	-	NFPA 701-2023	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
620	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 66, third edition	Fixture Wire
	-	UL 504, third edition	Mineral-Insulated, Metal Sheathed Cable
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1569, fifth edition	Metal-Clad Cables
625	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
630	UL 1276, third edition	Welding Cable	
650	UL 1651, fourth edition	Optical Fiber Cable	
660	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
668	UL 4, fifteenth edition	Armored Cable	
	-	UL 62, twentieth edition	Flexible Cords and Cables
670	UL 1740, fourth edition	Standard for Robots and Robotic Equipment	
	-	UL 2011, seventh edition	Machinery
	-	UL 3100, first edition	Automated Mobile Platforms (AMPs)

Article	Standard Number	Standard Title	
675	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1263, sixth edition	Irrigation Cable
690	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
691	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
692	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
694	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
700	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits	
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
701	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
	-	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
702	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
705	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
708	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
710	UL 3001, first edition	Distributed Energy Generation and Storage Systems	

Statement of Problem and Substantiation for Public Input

This Public Input is submitted on behalf of the High Voltage Task Group established by the Correlating Committee, consisting of Robert Osborne (Chair), Paul Barnhart, Lou Grahor, Donny Cook, Scott Higgins, Mike Querry, Roger McDaniel, Dave Burns, Kevin Rogers, Tony Ricciuti, Paul Knapp, Paul Sullivan, George Smith, Michael O'Connell, Eric Simmon, Kevin Arnold, Larry Wildermuth, Kyle Krueger, Eric Stromberg, Ken Crawford, Rob Roettgers, William Brown, and William Alexander.

Adding the IEEE transformer standards to the Annex, as they are added in a new Informational Note by a Related PI.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2172-NFPA 70-2026 [Section No. 450.5(A)]	
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Submitter Information Verification

Submitter Full Name: Robert Osborne
Organization: UL Solutions
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 31 09:04:46 EDT 2026
Committee: NEC-P01

Public Input No. 2177-NFPA 70-2026 [Section No. A.1]

A.1 Referenced Publications.

Table A.1(1), Table A.1(2), and Table A.1(3) provide a list of publications that are referenced in this code. These references are current at the time of publication. New publications or modifications to existing publications can occur at any time while this edition of the code is in effect.

Table A.1(1) provides a list of NFPA publications referenced in this code. Table A.1(2) provides a list of product safety standards used for product listing where that listing is required by this code. Table A.1(3) provides a list of other publications referenced in this code.

Table A.1(1) NFPA Standards Referenced in NEC

Standard Number	Standard Title	Current Edition	Extract Edition
1	Fire Code	2024	-
2	Hydrogen Technologies Code	2023	-
13	Standard for the Installation of Sprinkler Systems	2025	-
13D	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	2025	-
20	Standard for the Installation of Stationary Pumps for Fire Protection	2025	2025
30	Flammable and Combustible Liquids Code	2024	-
30A	Code for Motor Fuel Dispensing Facilities and Repair Garages	2024	2024
32	Standard for Drycleaning Facilities	2021	-
33	Standard for Spray Application Using Flammable or Combustible Materials	2024	2024
34	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids	2024	2024
35	Standard for the Manufacture of Organic Coatings	2021	-
36	Standard for Solvent Extract Plants	2025	-
37	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines	2024	-
40	Standard for the Storage and Handling of Cellulose Nitrate Film	2025	-
45	Standard on Protection for Laboratories Using Chemicals	2024	-
52	Vehicular Natural Gas Fuel Systems Code	2026	-
54	National Fuel Gas Code	2024	-
55	Compressed Gases and Cryogenic Fluids Code	2026	-
58	Liquified Petroleum Gas Code	2024	-
59	Utility LP-Gas Plant Code	2024	-
70	National Electrical Code®	2026	-
70B	Standard for Electrical Equipment Maintenance	2023	-
70E®	Standard for Electrical Safety in the Workplace®	2024	-
72	National Fire Alarm and Signaling Code®	2025	-
75	Standard for the Fire Protection of Information Technology Equipment	2024	2024
77	Recommended Practice on Static Electricity	2024	-
79	Electrical Standard for Industrial Machinery	2024	2024
80	Standard for Fire Doors and Other Opening Protectives	2025	-
88A	Standard for Parking Structures	2023	-
90A	Standard for the Installation of Air-Conditioning and Ventilating Systems	2024	-
90B	Standard for the Installation of Warm Air Heating and Air-Conditioning Systems	2024	-

Standard Number	Standard Title	Current Edition	Extract Edition
91	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids	2026	-
99	Health Care Facilities Code	2024	2024
101®	Life Safety Code®	2024	2024
110	Standard for Emergency and Standby Power Systems	2025	2025
111	Standard for Stored Electrical Energy Emergency and Standby Power Systems	2025	-
220	Standard on Types of Building Construction	2024	-
262	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces	2023	-
303	Fire Protection Standard for Marinas and Boatyards	2026	2021
307	Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves	2021	2021
409	Standard on Aircraft Hangers	2022	-
496	Standard for Purged and Pressurized Enclosures for Electrical Equipment	2024	-
497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	-
499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	2024
505	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	2024	-
701	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films	2023	-
730	Guide for Premises Security	2023	-
780	Standard for the Installation of Lightning Protection Systems	2026	-
790	Standard for the Competency of Third-Party Field Evaluation Bodies	2024	2024
820	Standard for Fire Protection in Wastewater Treatment and Collection Facilities	2024	-
853	Standard for the Installation of Stationary Fuel Cell Power Systems	2025	-
855	Standard for the Installation of Stationary Energy Storage Systems	2026	-
1192	Standard on Recreational Vehicles	2026	2021
1660	Standard for Emergency, Continuity, and Crisis Management: Preparedness, Response, and Recovery	2024	-
5000	Building Construction and Safety Code®	2024	-

Table A.1(2) Product Safety Standards for Conductors and Equipment That Have an Associated Listing Requirement

Article	Standard Number	Standard Title
110	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies

Article	Standard Number	Standard Title	
	-	UL 305, sixth edition	Panic Hardware
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
130	UL 916, fifth edition	Energy Management Equipment	
	-	UL 3141, first edition	Power Control Systems
210	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground Fault Circuit Interrupters
	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters
225	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
230	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 218, third edition	Fire Pump Controllers

Article	Standard Number	Standard Title	
	-	UL 231, tenth edition	Power Outlets
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 414, ninth edition	Meter Sockets
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 857, thirteenth edition	Busways
	-	UL 869A, fourth edition	Reference Standard for Service Equipment
	-	UL 891, twelfth edition	Switchboards
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1062, third edition	Unit Substations
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit

Article	Standard Number	Standard Title	
	-	UL 1740, fourth edition	Robots and Robotic Equipment
	-	UL 1953, seventh edition	Power Distribution Blocks
	-	UL 2011, seventh edition	Machinery
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2416, first edition	Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems
	-	UL 2446, first edition	Unitary Boiler Room Systems
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 2735, first edition	Electric Utility Meters
	-	UL 2745, first edition	Meter Socket Adapters for Communications Equipment
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
	-	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
240	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements	
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 2: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-11, third edition	Low-Voltage Fuses — Part 11: Plug Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses

Article	Standard Number	Standard Title	
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures
	-	UL 489I, second edition	Solid State Molded-Case Circuit Breakers
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
242	UL 1449, fifth edition	Surge Protective Devices	
250	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 153, thirteenth edition	Portable Electric Luminaires
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel

Article	Standard Number	Standard Title	
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1652, third edition	Flexible Metallic Tubing
270	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
300	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 263, fourteenth edition	Fire Tests of Building Construction and Materials
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords

Article	Standard Number	Standard Title	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
310	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 83B, first edition	Switchboard and Switchgear Wires and Cables
	-	UL 224, seventh edition	Extruded Insulating Tubing
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 854, twelfth edition	Service-Entrance Cables
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1441, fifth edition	Coated Electrical Sleeving
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
312	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2808, first edition	Energy Monitoring Equipment
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-030: Particular Requirements for Testing and Measuring Circuits
314	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations

Article	Standard Number	Standard Title	
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 1953, seventh edition	Power Distribution Blocks
315	ANSI C119.4	Electric Connectors — Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93ºC and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100ºC	
	-	IEEE 48	IEEE Standard for Test Procedures and Requirements for Alternating-Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV
	-	IEEE 386	IEEE Standard for Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV
	-	IEEE 404	IEEE Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2.5 kV to 500 kV
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 1072, fourth edition	Medium Voltage Power Cables

Article	Standard Number	Standard Title	
	-	UL 1569, fifth edition	Metal-Clad Cables
320	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
322	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
324	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
330	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
332	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable	
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
334	UL 719, thirteenth edition	Nonmetallic-Sheathed Cables	
	-	UL 2256, first edition	Nonmetallic Sheathed Cable Interconnects
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
335	UL 2250, third edition	Instrumentation Tray Cable	
336	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members

Article	Standard Number	Standard Title	
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
337	UL 1309A, first edition	Cable for Use in Mobile Installations	
338	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 854, twelfth edition	Service-Entrance Cables
340	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
342	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
344	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
348	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
350	UL 360, seventh edition	Liquid-Tight Flexible Steel Conduit	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
352	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings	
353	UL 651A, sixth edition	High Density Polyethylene (HDPE) Conduit	
354	UL 1990, fourth edition	Nonmetallic Underground HDPE Conduit with Conductors	
355	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings	
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
	-	UL 2515A, first edition	Supplemental Requirements for Extra-Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
356	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
358	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
360	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1652, third edition	Flexible Metallic Tubing
362	UL 1653, third edition	Electrical Nonmetallic Tubing	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
366	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
368	UL 509, second edition	Bus Drop Cable	
370	ANSI/CSA C22.2 No. 273	Cablebus	
371	UL 1386, first edition	Flexible Bus Systems	
	-	UL 1387, first edition	Flexible Insulated Bus
374	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings	
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
376	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
	-	UL 1953, seventh edition	Power Distribution Blocks
378	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
382	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	

Article	Standard Number	Standard Title	
	-	UL183, fourth edition	Manufactured Wiring Systems
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 498M, first edition	Marine Shore Power Inlets
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 991, third edition	Tests for Safety-Related Controls Employing Solid-State Devices
	-	UL 1077, seventh edition	Supplementary Protectors for Use in Electrical Equipment
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1998, third edition	Software in Programmable Components
384	UL 5B, second edition	Strut-Type Channel Raceways and Fittings	
386	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
388	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	
392	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations	
393	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1310, seventh edition	Class 2 Power Units

Article	Standard Number	Standard Title	
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 2577, first edition	Suspended Ceiling Power Grid Systems and Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
396	UL 1072, fourth edition	Medium-Voltage Power Cables	
404	ANSI/NEMA WD 6–2016	Wiring Devices — Dimensional Specifications	
	-	UL 20, fourteenth edition	General-Use Snap Switches
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 98A, second edition	Open-Type Switches
	-	UL 363, eleventh edition	Knife Switches
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 773, fifth edition	Plug-In Locking Type Photocontrols for Use with Area Lighting
	-	UL 773A, sixth edition	Nonindustrial Photoelectric Switches for Lighting Control
	-	UL 917, fifth edition	Clock-Operated Switches
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1472, second edition	Solid-State Dimming Controls
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-7, third edition	Automatic Electrical Controls — Part 2–7: Particular Requirements for Timers and Time Switches
406	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection

Article	Standard Number	Standard Title		
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts	
	-	UL 498M, first edition	Marine Shore Power Inlets	
	-	UL 514A, eleventh edition	Metallic Outlet Boxes	
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers	
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters	
	-	UL 943B, third edition	Appliance Leakage-Current Interrupters	
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters	
	-	UL 970, first edition	Retail Fixtures and Merchandise Displays	
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
	-	UL 1286, sixth edition	Office Furnishings Systems	
	-	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1682, fifth edition	Plugs, Receptacles, and Cable Connectors, of the Pin and Sleeve Type	
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors	
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters	
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters	
	-	-	-	See 406.4(D)(4)(1)
	-	UL 2999, first edition	Individual Commercial Office Furnishings	
408	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables		
	-	UL 67, thirteenth edition	Panelboards	
	-	UL 891, twelfth edition	Switchboards	
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear	
409	UL 508, eighteenth edition	Industrial Control Equipment		
	-	UL 508A, third edition	Industrial Control Panels	
410	ANSI/CSA-C22.2 No. 184.2	Solid-State Controls for Lighting Systems (SSCLS)		

Article	Standard Number	Standard Title	
	-	UL 153, thirteenth edition	Portable Electric Luminaires
	-	UL 496, fourteenth edition	Lampholders
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 542, ninth edition	Fluorescent Lamp Starters
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 970, first edition	Retail Fixtures and Merchandising Displays
	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1029A, first edition	Ignitors and Related Auxiliaries for HID Lamp Ballasts
	-	UL 1574, third edition	Track Lighting Systems
	-	UL 1598, fifth edition	Luminaires
	-	UL 1598B, first edition	Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires, Supplemental Requirements
	-	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
	-	UL 1993, sixth edition	Self-Ballasted Lamps and Lamp Adapters
	-	UL 2388, second edition	Flexible Lighting Products
	-	UL 8750, second edition	Light Emitting Diode (LED) Equipment for Use in Lighting Products
	-	UL 8752, second edition	Organic Light Emitting Diode (OLED) Panels
	-	UL 8753, second edition	Field-Replaceable Light Emitting Diode (LED) Light Engines
	-	UL 8754, second edition	Holders, Bases and Connectors for Solid-State (LED) Light Engines and Arrays
	-	UL 8800, first edition	Horticultural Lighting Equipment and Systems

Article	Standard Number	Standard Title	
	-	UL 8802, first edition	Ultraviolet (UV) Germicidal Equipment and Systems
	-	UL 8803, first edition	Portable UV Germicidal Equipment With Uncontained UV Sources
411	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1838, third edition	Low-Voltage Landscape Lighting Systems
	-	UL 2108, second edition	Low-Voltage Lighting Systems
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
422	ANSI/CSA-C22.2 No. 339	Hand-held motor-operated electric tools — Safety — Particular requirements for chain beam saws	
	-	UL 22, sixth edition	Amusement and Gaming Machines
	-	UL 73, tenth edition	Motor-Operated Appliances
	-	UL 82, ninth edition	Electric Gardening Appliances
	-	UL 122, fifth edition	Photographic Equipment
	-	UL 141, ninth edition	Garment Finishing Appliances
	-	UL 174, eleventh edition	Household Electric Storage Tank Water Heaters
	-	UL 197, tenth edition	Commercial Electric Cooking Appliances
	-	UL 283, third edition	Air Fresheners and Deodorizers
	-	UL 325, seventh edition	Door, Drapery, Gate, Louver, and Window Operators and Systems
	-	UL 399, eighth edition	Drinking Water Coolers
	-	UL 430, eighth edition	Waste Disposers
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 499, fourteenth edition	Electric Heating Appliances
	-	UL 507, tenth edition	Electric Fans
	-	UL 514A, eleventh edition	Metallic Outlet Boxes

Article	Standard Number	Standard Title	
	-	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications
	-	UL 561, seventh edition	Floor Finishing Machines
	-	UL 574, eighth edition	Electric Oil Heaters
	-	UL 621, seventh edition	Ice Cream Makers
	-	UL 705, seventh edition	Power Ventilators
	-	UL 710B, second edition	Recirculating Systems
	-	UL 749, twelfth edition	Household Dishwashers
	-	UL 751, ninth edition	Vending Machines
	-	UL 763, fifth edition	Motor-Operated Commercial Food Preparing Machines
	-	UL 778, sixth edition	Motor-Operated Water Pumps
	-	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
	-	UL 858, sixteenth edition	Household Electric Ranges
	-	UL 859, eleventh edition	Household Electric Personal Grooming Appliances
	-	UL 875, tenth edition	Electric Dry-Bath Heaters
	-	UL 921, eighth edition	Commercial Dishwashers
	-	UL 923, seventh edition	Microwave Cooking Appliances
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 962, fifth edition	Household and Commercial Furnishings
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 979, second edition	Water Treatment Appliances
	-	UL 982, eighth edition	Motor-Operated Household Food Preparing Machines
	-	UL 987, eighth edition	Stationary and Fixed Electric Tools
	-	UL 1017, tenth edition	Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines
	-	UL 1026, sixth edition	Household Electric Cooking and Food Serving Appliances
	-	UL 1086, sixth edition	Household Trash Compactors
	-	UL 1090, seventh edition	Electric Snow Movers
	-	UL 1206, fourth edition	Electric Commercial Clothes-Washing Equipment

Article	Standard Number	Standard Title	
	-	UL 1240, fourth edition	Electric Commercial Clothes-Drying Equipment
	-	UL 1278, fourth edition	Movable and Wall- or Ceiling-Hung Electric Room Heaters
	-	UL 1447, sixth edition	Electric Lawn Mowers
	-	UL 1450, fourth edition	Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment
	-	UL 1453, sixth edition	Electric Booster and Commercial Storage Tank Water Heaters
	-	UL 1576, second edition	Flashlights and Lanterns
	-	UL 1594, fourth edition	Sewing and Cutting Machines
	-	UL 1647, sixth edition	Motor-Operated Massage and Exercise Machines
	-	UL 1727, fifth edition	Commercial Electric Personal Grooming Appliances
	-	UL 1776, third edition	High-Pressure Cleaning Machines
	-	UL 2157, fourth edition	Electric Clothes Washing Machines and Extractors
	-	UL 2158, sixth edition	Electric Clothes Dryers
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 60335-2-3, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-3: Particular Requirements for Electric Irons
	-	UL 60335-2-8, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-8: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances
	-	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances, and Ice-Makers
-		UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60335-2-67, second edition	Household and Similar Electrical Appliances — Safety — Part 2-67: Particular Requirements for Floor Treatment Machines, For Commercial Use
	-	UL 60335-2-68, first edition	Household and Similar Electrical Appliances — Safety — Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use
	-	UL 60335-2-79, first edition	Household and Similar Electrical Appliances — Safety — Part 2-79: Particular Requirements for High Pressure Cleaners and Steam Cleaners

Article	Standard Number	Standard Title	
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
	-	UL 60745-1, fourth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 1: General Requirements
	-	UL 60745-2-1, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-1: Particular Requirements for Drills and Impact Drills
	-	UL 60745-2-2, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches
	-	UL 60745-2-3, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-3: Particular Requirements for Grinders, Polishers, and Disk-Type Sanders
	-	UL 60745-2-4, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type
	-	UL 60745-2-5, fifth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-5: Particular Requirements for Circular Saws
	-	UL 60745-2-6, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-6: Particular Requirements for Hammers
	-	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements for Shears and Nibblers
	-	UL 60745-2-9, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-9: Particular Requirements for Tappers
	-	UL 60745-2-11, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-11: Particular Requirements for Reciprocating Saws
	-	UL 60745-2-12, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-12: Particular Requirements For Concrete Vibrators
	-	UL 60745-2-13, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-13: Particular Requirements For Chain Saws
	-	UL 60745-2-14, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-14: Particular Requirements for Planers
	-	UL 60745-2-15, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-15: Particular Requirements for Hedge Trimmers
	-	UL 60745-2-16, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-16: Particular Requirements for Tackers
	-	UL 60745-2-17, third edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-17: Particular Requirements for Routers and Trimmers
	-	UL 60745-2-18, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-18: Particular

Article	Standard Number	Standard Title	
			Requirements For Strapping Tools
	-	UL 60745-2-19, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-19: Particular Requirements for Jointers
	-	UL 60745-2-20, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-20: Particular Requirements for Band Saws
	-	UL 60745-2-21, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-21: Particular Requirements For Drain Cleaners
	-	UL 60745-2-22, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-22: Particular Requirements for Cut-Off Machines
	-	UL 60745-2-23, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-23: Particular Requirements for Die Grinders and Small Rotary Tools
	-	UL 62841-1, first edition	Electric Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
-		UL 62841-2-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	-	UL 62841-2-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-2: Particular Requirements For Hand-Held Screwdrivers And Impact Wrenches
	-	UL 62841-2-3, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Disk-Type Polishers, and Disk-Type Sanders
	-	UL 62841-2-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	-	UL 62841-2-5, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	-	UL 62841-2-8, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	-	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders

Article	Standard Number	Standard Title	
	-	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	-	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	-	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	-	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	-	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	-	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	-	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
	-	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	-	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws
	-	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10: Particular Requirements for Transportable Cut-Off Machines
	-	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular Requirements for Transportable Threading Machines
	-	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13:

Article	Standard Number	Standard Title	
			Particular Requirements For Transportable Drills
	-	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular Requirements for Transportable Drain Cleaners
	-	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	-	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	-	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	-	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
424	UL 499, fourteenth edition	Electric Heating Appliances	
	-	UL 1042, fifth edition	Electric Baseboard Heating Equipment
	-	UL 1673, third edition	Electric Space Heating Cables
	-	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	-	UL 1995, fifth edition	Heating and Cooling Equipment
	-	UL 1996, fourth edition	Electric Duct Heaters
	-	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
	-	UL 2683, first edition	Electric Heating Products for Floor and Ceiling Installation
425	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
426	IEEE 515	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications	
	-	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units

Article	Standard Number	Standard Title	
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
427	IEEE 515-2017	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications	
	-	UL 515, second edition	Electrical Resistance Trace Heat for Commercial Applications
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 4, fifteenth edition	Armored Cable	
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 705, seventh edition	Power Ventilators
	-	UL 745-1, second edition	Portable Electric Tools
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 987, eighth edition	Stationary and Fixed Electric Tools
	-	UL 1004-1, second edition	Rotating Electrical Machines — General Requirements
	-	UL 1004-2, second edition	Impedance Protected Motors
	-	UL 1004-3, second edition	Thermally Protected Motors
	-	UL 1004-6, second edition	Servo and Stepper Motors
	-	UL 1004-7, third edition	Electronically Protected Motors
	-	UL 1004-8, second edition	Inverter Duty Motors
	-	UL 1004-9, first edition	Form Wound and Medium Voltage Rotating Electrical Machines
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1569, fifth edition	Metal Clad Cables
	-	UL 1812, fourth edition	Ducted Heat Recovery Ventilators
	-	UL 1815, fifth edition	Nonducted Heat Recovery Ventilators

Article	Standard Number	Standard Title	
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 60034-1, third edition	Rotating Electrical Machines — Part 1: Rating and Performance
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60730-2-22, first edition	Automatic Electrical Controls — Part 2-22: Particular Requirements for Thermal Motor Protectors
	-	UL 60745-1, fourth edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
	-	UL 60745-2-1, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	-	UL 60745-2-2, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-2: Particular Requirements For Screwdrivers And Impact Wrenches
	-	UL 60745-2-3, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Polishers, and Disk-Type Sanders
	-	UL 60745-2-4, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	-	UL 60745-2-5, fifth edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	-	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	-	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	-	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	-	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	-	UL 60947-5-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-1: Control Circuit Devices and Switching Elements — Electromechanical Control Circuit Devices
	-	UL 60947-5-2, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-2: Control Circuit Devices and

Article	Standard Number	Standard Title	
			Switching Elements — Proximity Switches
-		UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	-	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders
	-	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	-	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	-	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	-	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	-	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	-	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	-	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
	-	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	-	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws
	-	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10:

Article	Standard Number	Standard Title	
			Particular requirements for Transportable Cut-Off Machines
	-	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular requirements for Transportable Threading Machines
	-	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13: Particular Requirements For Transportable Drills
	-	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular requirements for Transportable Drain Cleaners
	-	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	-	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	-	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	-	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
440	UL 98, fourteenth edition	Enclosed and Dead-Front Switches	
	-	UL 416, fourth edition	Refrigerated Medical Equipment
	-	UL 484, ninth edition	Room Air Conditioners
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 541, ninth edition	Refrigerated Vending Machines
	-	UL 563, eighth edition	Ice Makers
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1995, fifth edition	Heating and Cooling Equipment

Article	Standard Number	Standard Title	
	-	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60335-2-89, second edition	Household and Similar Electrical Appliances — Safety — Part 2-89: Particular Requirements for Commercial Refrigerating Appliances and Ice Makers with an Incorporated or Remote Refrigerant Unit or Compressor
	-	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	-	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	-	UL 61800-5-2, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-2: Safety Requirements — Functional
445	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
450	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 305, sixth edition	Panic Hardware
	-	UL 340, sixth edition	Tests for Comparative Flammability of Liquids
	-	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
	IEEE C57.12.00	IEEE Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers	

Article	Standard Number	Standard Title	
	IEEE C57.12.28	IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity	
	IEEE C57.12.29	IEEE C57.12.29 IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity for Coastal Environments	
	IEEE C57.16	IEEE Standard for Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors	
	UL 1561, fourth edition	Dry-Type General Purpose and Power Transformers	
	UL 1562, fourth edition	Transformers, Distribution, Dry-Type Over 600 Volts	
	UL 5085, second edition	Low Voltage Transformers — Part 2: General Purpose Transformers	
480	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 305, sixth edition	Panic Hardware
	-	UL 1642, sixth edition	Lithium Batteries
	-	UL 1973, third edition	Batteries for Use in Stationary and Motive Auxiliary Power Applications
	-	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	-	UL 2054, third edition	Household and Commercial Batteries
	-	UL 4127, second edition	Low Voltage Battery Cable
	-	UL 4128, fifth edition	Intercell and Intertier Connectors for use in Electrochemical Battery System Applications
495	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers	
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment

Article	Standard Number	Standard Title	
	-	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15kV
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
500	FM 121303	Guide for Use of Detectors for Flammable Gases	
	-	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified)
	-	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations
	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation.
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases

Article	Standard Number	Standard Title	
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	-	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
501	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1072, fourth edition	Medium-Voltage Power Cables
	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members
	-	UL 1309A, first edition	Cable for Use in Mobile Installations

Article	Standard Number	Standard Title	
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
	-	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
502	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations

Article	Standard Number	Standard Title	
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
503	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
504	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations	
	-	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations
	-	UL 120202, first edition	Recommendations for the Preparation, Content, and Organization of Intrinsic

Article	Standard Number	Standard Title	
			Safety Control Drawings
505	FM 121303	Guide for Use of Detectors for Flammable Gases	
	-	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	-	UL 60079-1, seventh edition	Explosive Atmospheres — Part 1: Equipment Protection by Flameproof Enclosures “d”
	-	UL 60079-2, sixth edition	Explosive Atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-5, fourth edition	Explosive Atmospheres — Part 5: Type of Equipment Protectionby Powder Filling
	-	UL 60079-6, fourth edition	Explosive Atmospheres — Part 6: Equipment Protection by Liquid Immersion “o”
	-	UL 60079-7, fifth edition	Explosive Atmospheres — Part 7: Equipment Protection by Increased Safety “e”
	-	UL 60079-10-1, first edition	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive Gas Atmospheres
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety “i”
	-	UL 60079-13, second edition	Explosive Atmospheres — Part 13: Equipment Protection by Pressurized Room “p” and Artificially Ventilated Room “v”
	-	UL 60079-15, fifth edition	Explosive Atmospheres — Part 15: Equipment Protection by Type of Protection “n”
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	-	UL 60079-26, third edition	Explosive Atmospheres — Part 26: Equipment with Equipment Protection Level (EPL) Ga
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation

Article	Standard Number	Standard Title	
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b”, Liquid Immersion “k”
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
506	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	-	UL 60079-2, sixth edition	Explosive atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety "i"
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems

Article	Standard Number	Standard Title	
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-31, second edition	Explosive Atmospheres — Part 31: Equipment Dust Ignition Protection by Enclosure “t”
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 62784, first edition	Vacuum Cleaners and Dust Extractors Providing Equipment Protection Level Dc for the Collection of Combustible Dusts — Particular Requirements
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b“, Liquid Immersion “k”
512	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations	
516	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials	
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
517	AAMI ES 60601-1	Medical electrical equipment — Part 1: General requirements for basic safety and essential performance	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings

Article	Standard Number	Standard Title	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1022, fifth edition	Line Isolation Monitors
	-	UL 1047, sixth edition	Isolated Power Systems Equipment
	-	UL 1286, sixth edition	Office Furnishing Systems
	-	UL 2930, first edition	Cord-and-Plug-connected Health Care Facility Outlet Assemblies
	-	UL 60601-1, first edition	Medical Electrical Equipment — Part 1: General Requirements for Safety
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
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	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 2305, first edition	Exhibition Display Units, Fabrication and Installation
520	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 334, second edition	Theater Lighting Distribution and Control Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords

Article	Standard Number	Standard Title	
	-	UL 891, twelfth edition	Switchboards
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
522	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 2250, third edition	Instrumentation Tray Cable
525	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
530	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1479-2-15, fourth edition	Fire Tests of Penetration Firestops
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1680, second edition	Stage and Lighting Cables
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
540	UL 67, thirteenth edition	Panelboards	
	-	UL 943, fifth edition	Ground-Fault Circuit Interrupters
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
545	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings

Article	Standard Number	Standard Title	
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 20, fourteenth edition	General Use Snap Switches
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
547	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1598, fifth edition	Luminaires
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
550	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 307A, ninth edition	Liquid Fuel-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles

Article	Standard Number	Standard Title	
	-	UL 307B, fifth edition	Gas-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low-Voltage Lighting Systems
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
551	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles

Article	Standard Number	Standard Title	
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
-		UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2299, first edition	Ground Monitor Interrupters
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
552	SAE J1128-2015	Low Voltage Primary Cable, for Types GXL, HDT, and SXL	
	-	SAE J1127-2015	Low Voltage Battery Cable, for Types SGT and SGR

Article	Standard Number	Standard Title	
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for Use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 430, eighth edition	Waste Disposers
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 916, fifth edition	Energy Management Equipment
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low Voltage Lighting Systems
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
555	UL 6, fifteenth edition	Electrical Rigid Metal Conduit —	

Article	Standard Number	Standard Title	
		Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 231, tenth edition	Power Outlets
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1399, first edition	Leakage Current Measurement Devices for Use in Marina Applications
	-	UL 1650, first edition	Portable Power Cable
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
590	UL 496, fourteenth edition	Lampholders	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1088, seventh edition	Temporary Lighting Strings
	-	UL 1377, first edition	Wire used in Low Voltage Seasonal Lighting Products In Circuits With a Maximum Available Power of 15W
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
600	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 13, fourth edition	Power-Limited Circuit Cables
	-	UL 48, fifteenth edition	Electric Signs
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems

Article	Standard Number	Standard Title	
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 814, twelfth edition	Gas-Tube-Sign Cable
	-	UL 879, ninth edition	Electric Sign Components
	-	UL 879A, first edition	LED Sign and Sign Retrofit Kits
	-	UL 879B, first edition	Polymeric Enclosure Systems for the Splice Between Neon Tubing Electrode Leads and GTO Cable, and the GTO Cable Leading to the Splice
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2161, second edition	Neon Transformers and Power Supplies
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 3703, first edition	Solar Trackers
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses

Article	Standard Number	Standard Title	
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements For Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements For Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: Particular Requirements for Inverters
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
604	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 183, fourth edition	Manufactured Wiring Systems
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 857, thirteenth edition	Busways
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
605	UL 962, fifth edition	Household and Commercial Furnishings	
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 1286, sixth edition	Office Furnishings Systems

Article	Standard Number	Standard Title	
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 2999, first edition	Individual Commercial Office Furnishings
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
610	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 2273, second edition	Festoon Cable
620	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 104, twelfth edition	Elevator Door Locking Devices and Contacts
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
624	UL 9741A	Onboard Electric Vehicle Power Export and Import Equipment	
625	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources

Article	Standard Number	Standard Title	
	-	UL 2202, third edition	DC Charging Equipment for Electric Vehicles
	-	UL 2231-1, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 1: General Requirements
	-	UL 2231-2, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 2: Particular Requirements for Protection Devices for Use in Charging Systems
	-	UL 2251-, fourth edition	Plugs, Receptacles and Couplers for Electrical Vehicles
	-	UL 2580, third edition	Batteries for Use in Electric Vehicles
	-	UL 2594, third edition	Electric Vehicle Supply Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
626	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 231, tenth edition	Power Outlets
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1686, fifth edition	Pin and Sleeve Configurations
630	UL 551, eighth edition	Transformer-Type Arc-Welding Machines	
640	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 813, seventh edition	Commercial Audio Equipment
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1419, fourth edition	Professional Video and Audio Equipment

Article	Standard Number	Standard Title	
	-	UL 1492, second edition	Audio-Video Products and Accessories
	-	UL 1711, fourth edition	Amplifiers for Fire Protective Signaling Systems
	-	UL 2269, fourth edition	Optical Fiber/Communications/Signaling/Coaxial Cable Outlet Boxes
	-	UL 6500, second edition	Audio/Video and Musical Instrument Apparatus for Household, Commercial, and Similar General Use
	-	UL 60065, eighth edition	Audio, Video and Similar Electronic Apparatus — Safety Requirements
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
645	UL 38, eighth edition	Manual Signaling Boxes for Fire Alarm Systems	
	-	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems
	-	UL 444, fifth edition	Communications Cables
	-	UL 464, eleventh edition	Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire Alarm Circuits
	-	UL 833, first edition	Control Units and Accessories for Fire Alarm Systems
	-	UL 864, eleventh edition	Control Units and Accessories for Fire Alarm Systems
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1425, third edition	Cables for Non-Power-Limited Fire-Alarm Circuits
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1638, sixth edition	Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1690, fourth edition	Data-Processing Cable
-		UL 1778, fifth edition	Uninterruptible Power Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways

Article	Standard Number	Standard Title	
	-	UL 60950-1, second edition	Information Technology Equipment — Safety — Part 1: General Requirements
	-	UL 60950-21, first edition	Information Technology Equipment — Safety — Part 21: Remote Power Feeding
	-	UL 60950-22, second edition	Information Technology Equipment — Safety — Part 22: Equipment to be Installed Outdoors
	-	UL 60950-23, first edition	Information Technology Equipment — Safety — Part 23: Large Data Storage Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
646	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 305, sixth edition	Panic Hardware
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 869A, fourth edition	Reference Standard for Service Equipment
	-	UL 891, twelfth edition	Switchboards
	-	UL 924, tenth edition	Emergency Lighting and Power Equipment
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1062, third edition	Unit Substations

Article	Standard Number	Standard Title	
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1655, second edition	Community-Antenna Television Cables
	-	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	-	UL 2755, second edition	Modular Data Centers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
647	UL 1598, fifth edition	Luminaires	
650	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
670	ANSI/CSA-C22.2 No. 19085-1	Woodworking machines — Safety — Part 1: Common requirements	
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
675	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
680	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 20, fourteenth edition	General Use Snap-Switches
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 379, first edition	Power Units for Fountain, Swimming Pool, and Spa Luminaires

Article	Standard Number	Standard Title	
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 676A, third edition	Potting Compounds for Swimming Pool, Fountain, and Spa Equipment
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1004-10, first edition	Pool Pump Motors
	-	UL 1081, seventh edition	Swimming Pool Pumps, Filters, and Chlorinators
	-	UL 1241, seventh edition	Junction Boxes for Swimming Pool Luminaires
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1261, sixth edition	Electric Water Heaters for Pools and Tubs
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1795, fifth edition	Hydromassage Bathtubs
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2452, first edition	Electric Swimming Pool and Spa Cover Operators
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2995, first edition	Lifts for Swimming Pools and Spas
	-	UL 60335-2-1000, first edition	Household and Similar Electrical Appliances: Particular Requirements for Electrically Powered Pool Lifts
682	UL 486D, seventh edition	Sealed Wire Connector Systems	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters

Article	Standard Number	Standard Title	
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1838, third edition	Low Voltage Landscape Lighting Systems
690	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems	
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1703, third edition	Flat-Plate Photovoltaic Modules and Panels
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 3703, first edition	Solar Trackers
	-	UL 3730, first edition	Photovoltaic Junction Boxes
	-	UL 3741, first edition	Photovoltaic Hazard Control
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies

Article	Standard Number	Standard Title	
	-	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements for Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements for Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
692	UL 2262, second edition	Fuel Cell Modules for Use in Portable and Stationary Equipment	
	-	UL 2262A, second edition	Borohydride Fuel Cartridges with Integral Fuel Processing for Use with Portable Fuel Cell Power Systems or Similar Equipment
	-	UL 2265, first edition	Fuel Cell Power Units and Fuel Storage Containers for Portable Devices
	-	UL 2265C, first edition	Hand-Held or Hand-Transportable Alkaline (Direct Borohydride) Fuel Cell Power Units and Borohydride Fuel Cartridges For Use With Consumer Electronics or Information Technology Equipment
	-	UL 2266, first edition	Electromagnetic Compatibility, Electrical Safety, and Physical Protection of Stationary and Portable Fuel Cell Power Systems for Use with Commercial Network Telecommunications Equipment
	-	UL 2267, third edition	Fuel Cell Power Systems for Installation in Industrial Electric Trucks
694	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 489C, first edition	Molded-Case Circuit Breakers and Molded-Case Switches for Use with Wind Turbines
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2277, fifth edition	Flexible Motor Supply Cable and Wind Turbine Tray Cable
	-	UL 2736, first edition	Single Pole Separable Interconnecting Cable Connectors for Use with Wind Turbine Generating Systems

Article	Standard Number	Standard Title	
	-	UL 4143, first edition	Wind Turbine Generator — Life Time Extension (LTE)
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
695	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 218, third edition	Fire Pump Controllers
	-	UL 448, twelfth edition	Centrifugal Stationary Pumps for Fire-Protection Service
	-	UL 448B, second edition	Residential Fire Pumps Intended for One- and Two-Family Dwellings and Manufactured Homes
	-	UL 448C, second edition	Stationary, Rotary-Type, Positive-Displacement Pumps for Fire Protection Service
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1004-5, second edition	Fire Pump Motors
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
700	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2200, third edition	Stationary Engine Generator Assemblies

Article	Standard Number	Standard Title	
701	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
702	UL 98, fourteenth edition	Enclosed and Dead-Front Switches	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
705	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular

Article	Standard Number	Standard Title	
			Requirements for Inverters
706	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses	
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 489H, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures, for Use with Direct Current (DC) Microgrids
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 9540, third edition	Energy Storage Systems and Equipment
708	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits

Article	Standard Number	Standard Title	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
710	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources	
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 62109-1, first edition	Power Converters for use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
722	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 444, fifth edition	Communications Cables
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2044, fourth edition	Commercial Closed-Circuit Television Equipment
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control

Article	Standard Number	Standard Title	
			and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
725	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 9990, first edition	Information and Communication Technology (ICT) Power Cables
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 61010-2-201, second edition	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-201: Particular Requirements for Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
726	UL 1400-1, first edition	Fault-Managed Power Systems — 1 General Requirements	
	-	UL 1400-2, first edition	Fault-Managed Power Systems — 2 Requirements for Cables
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
728	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 568, first edition	Nonmetallic Cable Tray Systems

Article	Standard Number	Standard Title	
	-	UL 884, thirteenth edition	Underfloor Raceways and Fittings
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
750	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	-	UL 497A, third edition	Secondary Protectors for Communication Circuits
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire-Alarm Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
760	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems	
	-	UL 268A, fourth edition	Smoke Detectors for Duct Application
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 497B, fourth edition	Protectors for Data Communication and Fire Alarm Circuits
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1425, third edition	Cables for Non–Power-Limited Fire-Alarm Circuits
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
800	UL 444, fifth edition	Communications Cables	
	-	UL 467, eleventh edition	Grounding and Bonding Equipment

Article	Standard Number	Standard Title	
	-	UL 489A, first edition	Circuit Breakers for Use in Communication Equipment
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
-		UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 498A, second edition	Current Taps and Adapters
	-	UL 523, second edition	Telephone Service Drop Wire
	-	UL 568, first edition	Nonmetallic Cable Tray Systems
	-	UL 723, eleventh edition	Test for Surface Burning Characteristics of Building Materials
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 1863, fourth edition	Communication-Circuit Accessories
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 60950-1, second edition	Information Technology Equipment
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
810	UL 150, fourth edition	Antenna Rotators	
	-	UL 452, seventh edition	Antenna-Discharge Units
	-	UL 467, eleventh edition	Grounding and Bonding Equipment

Article	Standard Number	Standard Title	
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
820	UL 444, fifth edition	Communications Cables	
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 1655, second edition	Community-Antenna Television Cables
830	UL 444, fifth edition	Communications Cables	
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
Tables 11(A) and 11(B)	UL 1310, seventh edition	Class 2 Power Units	
	UL 1434, first edition	Thermistor-Type Devices	
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers	
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements	
Tables 12(A) and 12(B)	UL 1310, seventh edition	Class 2 Power Units	
	UL 1434, first edition	Thermistor-Type Devices	
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers	
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements	

Table A.1(3) Product Safety Standards for Conductors and Equipment That Do Not Have an Associated Listing Requirement and Other Referenced Publications

Article	Standard Number	Standard Title	
110	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
	-	UL 969, fifth edition	Marking and Labeling Systems
	-	UL 9691, first edition	Recommended Practice for Nameplates for Use in Electrical Installations
210	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
215	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
240	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
245	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	NEMA C37.54	NEMA Standard Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
265	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear

Article	Standard Number	Standard Title	
300	UL 635, third edition	Insulating Bushings	
314	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
320	UL 514A, eleventh edition	Metallic Outlet Boxes	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
322	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
324	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
330	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
332	UL 1565, sixth edition	Positioning Devices	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
334	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting

Article	Standard Number	Standard Title	
			Resin Conduit (RTRC) and Fittings
335	UL 2250, third edition	Instrumentation Tray Cable	
337	UL 1565, sixth edition	Positioning Devices	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
340	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	
342	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
344	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
348	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
350	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
352	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
353	UL 635, third edition	Insulating Bushings	
355	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
356	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
358	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
362	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
368	UL 857, thirteenth edition	Busways	
392	UL 568, first edition	Nonmetallic Cable Tray Systems	
400	NEMA WC 58-2017	Portable and Power Feeder Cables for Use in Mines and Similar Applications	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles

Article	Standard Number	Standard Title	
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1680, second edition	Stage and Lighting Cables
	-	UL 2263, first edition	Electric Vehicle Cable
402	UL 66, third edition	Fixture Wire	
408	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
409	UL 1436, sixth edition	Outlet Circuit Testers and Other Similar Indicating Devices	
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-30: Particular Requirements for Testing and Measuring Circuits
424	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
	-	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	-	UL 1995, fifth edition	Heating and Cooling Equipment
	-	UL 1996, fourth edition	Electric Duct Heaters
	-	UL 60335-1, sixth edition	Safety of Household and Similar Electrical Appliances, Part 1: General Requirements
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2–40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
425	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
426	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units	
427	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications	
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 2049, fourth edition	Residential Pipe Heating Cable

Article	Standard Number	Standard Title	
430	UL 248-13, third edition	Low Voltage Fuses — Part 13: Semiconductor Fuses	
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
445	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
-	-	-	
450	~~IEEE C57.12.00~~	~~IEEE Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers~~	
-	~~IEEE C57.12.28~~	~~IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity~~	
-	~~IEEE C57.12.29~~	~~IEEE C57.12.29 IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity for Coastal Environments~~	
-	~~IEEE C57.16~~	~~IEEE Standard for Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors~~	
-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
-	~~UL 1561, fourth edition~~	~~Dry-Type General Purpose and Power Transformers~~	
-	~~UL 1562, fourth edition~~	~~Transformers, Distribution, Dry-Type Over 600 Volts~~	

Article	Standard Number	Standard Title	
-	~~UL 5085, second edition~~	~~Low Voltage Transformers — Part 2: General Purpose Transformers~~	
460	UL 810, sixth edition	Capacitors	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
	-	UL 60384-14, second edition	Fixed Capacitors for Use in Electronic Equipment — Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains
470	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
495	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.20.2	IEEE Standard for Metal-Clad Switchgear
	-	IEEE C37.20.3	IEEE Standard for Metal-Enclosed Interrupter Switchgear (1 kV–38 kV)
	-	IEEE C37.20.4	IEEE Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear
	-	IEEE C37.20.6	IEEE Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in Enclosures
	-	IEEE C37.20.9	IEEE Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems
	-	IEEE C37.23	IEEE Standard for Metal-Enclosed Bus
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.59	IEEE Standard for Requirements for Conversion of Power Switchgear Equipment
	-	IEEE C37.60	IEEE International Standard — High-voltage switchgear and controlgear — Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV
	-	IEEE C37.74	IEEE Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV
	-	NEMA C37.54	American National Standard for Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-

Article	Standard Number	Standard Title	
			Enclosed Switchgear — Conformance Test Procedures
	-	NEMA C37.55	American National Standard for Switchgear — Medium Voltage Metal-Clad Assemblies — Conformance Test Procedures
	-	NEMA C37.57	American National Standard for Switchgear — Metal-Enclosed Interrupter Switchgear Assemblies — Conformance Testing
	-	NEMA C37.58	American National Standard for Switchgear — Indoor AC Medium Voltage Switches for Use in Metal-Enclosed Switchgear — Conformance Test Procedures
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	-	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15KV
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 2748, first edition	Arcing Fault Quenching Equipment
	-	UL 2877, fourth edition	Power Supplies, Medium Voltage
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
500	ANSI/IEEE C2	National Electrical Safety Code, Section 127A, Coal Handling Areas	
	-	ANSI/UL 121203	Recommended Practice for Portable/Personal Electronic Products Suitable for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2, Class III, Division 1, Class III, Division 2, Zone 21 and Zone 22 Hazardous (Classified) Locations
	-	API RP 14F	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Division 1 and Division 2 Locations
	-	API RP 500	Recommended Practice for Classification of Locations of Electrical Installations at Petroleum Facilities Classified as Class I, Division 1 and Division 2
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASHRAE 15	Safety Standard for Refrigeration Systems.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	IEEE 844.2	Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance

Article	Standard Number	Standard Title	
	-	IEEE 60079-30-2	IEEE/IEC International Standard for Explosive atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation, and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	-	ISA-12.10	Area Classification in Hazardous (Classified) Dust Locations
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 32-2021	Standard for Drycleaning Facilities
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 35-2021	Standard for the Manufacture of Organic Coatings
	-	NFPA 36-2025	Standard for Solvent Extraction Plants
	-	NFPA 45-2024	Standard on Fire Protection for Laboratories Using Chemicals
	-	NFPA 55-2026	Compressed Gases and Cryogenic Fluids Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installation in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	-	NFPA 820-2024	Standard for Fire Protection in Wastewater Treatment and Collection Facilities
	-	UL 60079-29-2, second edition	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen

Article	Standard Number	Standard Title	
	-	UL 120002, second edition	Recommended Practice for Certificates for Equipment for Hazardous (Classified) Locations
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
-	-	-	
501	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
-	-	-	
503	NFPA 505-2024	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	
504	ISA-RP 12.06.01	Recommended Practice for Wiring Methods for Hazardous (Classified) Locations Instrumentation — Part 1: Intrinsic Safety	
505	ANSI/API RP 14FZ	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Zone 0, Zone 1, and Zone 2 Locations	
	-	API RP 505	Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Zone 0, Zone 1, and Zone 2
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	EI 15	Model Code of Safe Practice, Part 15: Area Classification Code for Installations Handling Flammable Fluids
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	-	ISA-60079-10-1 (12.24.01)	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive gas atmospheres

Article	Standard Number	Standard Title	
	-	ISA-60079-29-2	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	-	UL 80079-20-1, first edition	Explosive Atmospheres — Part 20-1: Material Characteristics for Gas and Vapour Classification — Test Methods and Data
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
506	ASME B1.20.1	Pipe Threads, General Purpose (Inch)	
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	-	ISA-60079-10-2 (12.10.05)	Explosive Atmospheres — Part 10-2: Classification of Areas — Combustible Dust Atmospheres
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
511	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages	
	-	NFPA 88A-2023	Standard for Parking Structures
512	ICC IFC	International Fire Code	
	-	NFPA 1-2023	Fire Code

Article	Standard Number	Standard Title	
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 36-2025	Standard for Solvent Extraction Plants
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 70B-2023	Standard for Electrical Equipment Maintenance
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
513	NFPA 30-2024	Flammable and Combustible Liquids Code	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 409-2022	Standard on Aircraft Hangars
514	NFPA 2-2023	Hydrogen Technologies Code	
	-	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages
	-	NFPA 52-2023	Vehicular Natural Gas Fuel Systems Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 303-2026	Fire Protection Standard for Marinas and Boatyards
515	NFPA 30-2024	Flammable and Combustible Liquids Code	
516	NFPA 13-2025	Standard for the Installation of Sprinkler Systems	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 91-2026	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids
	-	NFPA 701-2023	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
620	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 66, third edition	Fixture Wire
	-	UL 504, third edition	Mineral-Insulated, Metal Sheathed Cable
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1569, fifth edition	Metal-Clad Cables

Article	Standard Number	Standard Title	
625	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
630	UL 1276, third edition	Welding Cable	
650	UL 1651, fourth edition	Optical Fiber Cable	
660	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
668	UL 4, fifteenth edition	Armored Cable	
	-	UL 62, twentieth edition	Flexible Cords and Cables
670	UL 1740, fourth edition	Standard for Robots and Robotic Equipment	
	-	UL 2011, seventh edition	Machinery
	-	UL 3100, first edition	Automated Mobile Platforms (AMPs)
675	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1263, sixth edition	Irrigation Cable
690	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
691	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
692	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
694	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems

Article	Standard Number	Standard Title	
700	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits	
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
701	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
	-	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
702	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
705	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
708	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
710	UL 3001, first edition	Distributed Energy Generation and Storage Systems	

Statement of Problem and Substantiation for Public Input

This Public Input is submitted on behalf of the High Voltage Task Group established by the Correlating Committee, consisting of Robert Osborne (Chair), Paul Barnhart, Lou Grahor, Donny Cook, Scott Higgins, Mike Querry, Roger McDaniel, Dave Burns, Kevin Rogers, Tony Ricciuti, Paul Knapp, Paul Sullivan, George Smith, Michael O'Connell, Eric Simmon, Kevin Arnold, Larry Wildermuth, Kyle Krueger, Eric Stromberg, Ken Crawford, Rob Roettgers, William Brown, and William Alexander.

In a Related PI, listing requirements are added to Section 450.2. Based on the action of that PI, this proposal relocates the transformer product standards from Table A.1(3) to A.1(2).

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2180-NFPA 70-2026 [Section No. 450.2]	

Submitter Information Verification

Submitter Full Name: Robert Osborne
Organization: UL Solutions
Street Address:
City:
State:
Zip:
Submittal Date: Tue Mar 31 09:13:54 EDT 2026
Committee: NEC-P01

Public Input No. 2283-NFPA 70-2026 [Section No. A.1]

A.1 Referenced Publications.

Table A.1(1), Table A.1(2), and Table A.1(3) provide a list of publications that are referenced in this code. These references are current at the time of publication. New publications or modifications to existing publications can occur at any time while this edition of the code is in effect.

Table A.1(1) provides a list of NFPA publications referenced in this code. Table A.1(2) provides a list of product safety standards used for product listing where that listing is required by this code. Table A.1(3) provides a list of other publications referenced in this code.

Table A.1(1) NFPA Standards Referenced in NEC

Standard Number	Standard Title	Current Edition	Extract Edition
1	Fire Code	2024	-
2	Hydrogen Technologies Code	2023	-
13	Standard for the Installation of Sprinkler Systems	2025	-
13D	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	2025	-
20	Standard for the Installation of Stationary Pumps for Fire Protection	2025	2025
30	Flammable and Combustible Liquids Code	2024	-
30A	Code for Motor Fuel Dispensing Facilities and Repair Garages	2024	2024
32	Standard for Drycleaning Facilities	2021	-
33	Standard for Spray Application Using Flammable or Combustible Materials	2024	2024
34	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids	2024	2024
35	Standard for the Manufacture of Organic Coatings	2021	-
36	Standard for Solvent Extract Plants	2025	-
37	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines	2024	-
40	Standard for the Storage and Handling of Cellulose Nitrate Film	2025	-
45	Standard on Protection for Laboratories Using Chemicals	2024	-
52	Vehicular Natural Gas Fuel Systems Code	2026	-
54	National Fuel Gas Code	2024	-
55	Compressed Gases and Cryogenic Fluids Code	2026	-
58	Liquified Petroleum Gas Code	2024	-
59	Utility LP-Gas Plant Code	2024	-
70	National Electrical Code®	2026	-
70B	Standard for Electrical Equipment Maintenance	2023	-
70E®	Standard for Electrical Safety in the Workplace®	2024	-
72	National Fire Alarm and Signaling Code®	2025	-
75	Standard for the Fire Protection of Information Technology Equipment	2024	2024
77	Recommended Practice on Static Electricity	2024	-
79	Electrical Standard for Industrial Machinery	2024	2024
80	Standard for Fire Doors and Other Opening Protectives	2025	-
88A	Standard for Parking Structures	2023	-
90A	Standard for the Installation of Air-Conditioning and Ventilating Systems	2024	-
90B	Standard for the Installation of Warm Air Heating and Air-Conditioning Systems	2024	-

Standard Number	Standard Title	Current Edition	Extract Edition
91	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids	2026	-
99	Health Care Facilities Code	2024	2024
101®	Life Safety Code®	2024	2024
110	Standard for Emergency and Standby Power Systems	2025	2025
111	Standard for Stored Electrical Energy Emergency and Standby Power Systems	2025	-
220	Standard on Types of Building Construction	2024	-
262	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces	2023	-
303	Fire Protection Standard for Marinas and Boatyards	2026	2021
307	Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves	2021	2021
409	Standard on Aircraft Hangers	2022	-
496	Standard for Purged and Pressurized Enclosures for Electrical Equipment	2024	-
497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	-
499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	2024
505	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	2024	-
701	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films	2023	-
730	Guide for Premises Security	2023	-
780	Standard for the Installation of Lightning Protection Systems	2026	-
790	Standard for the Competency of Third-Party Field Evaluation Bodies	2024	2024
820	Standard for Fire Protection in Wastewater Treatment and Collection Facilities	2024	-
853	Standard for the Installation of Stationary Fuel Cell Power Systems	2025	-
855	Standard for the Installation of Stationary Energy Storage Systems	2026	-
1192	Standard on Recreational Vehicles	2026	2021
1660	Standard for Emergency, Continuity, and Crisis Management: Preparedness, Response, and Recovery	2024	-
5000	Building Construction and Safety Code®	2024	-

Table A.1(2) Product Safety Standards for Conductors and Equipment That Have an Associated Listing Requirement

Article	Standard Number	Standard Title
110	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies

Article	Standard Number	Standard Title	
	-	UL 305, sixth edition	Panic Hardware
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
130	UL 916, fifth edition	Energy Management Equipment	
	-	UL 3141, first edition	Power Control Systems
210	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground Fault Circuit Interrupters
	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters
225	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
230	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 218, third edition	Fire Pump Controllers

Article	Standard Number	Standard Title	
	-	UL 231, tenth edition	Power Outlets
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 414, ninth edition	Meter Sockets
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 857, thirteenth edition	Busways
	-	UL 869A, fourth edition	Reference Standard for Service Equipment
	-	UL 891, twelfth edition	Switchboards
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1062, third edition	Unit Substations
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit

Article	Standard Number	Standard Title	
	-	UL 1740, fourth edition	Robots and Robotic Equipment
	-	UL 1953, seventh edition	Power Distribution Blocks
	-	UL 2011, seventh edition	Machinery
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2416, first edition	Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems
	-	UL 2446, first edition	Unitary Boiler Room Systems
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 2735, first edition	Electric Utility Meters
	-	UL 2745, first edition	Meter Socket Adapters for Communications Equipment
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
	-	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
240	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements	
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 2: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-11, third edition	Low-Voltage Fuses — Part 11: Plug Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses

Article	Standard Number	Standard Title	
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures
	-	UL 489I, second edition	Solid State Molded-Case Circuit Breakers
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
242	UL 1449, fifth edition	Surge Protective Devices	
250	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 153, thirteenth edition	Portable Electric Luminaires
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel

Article	Standard Number	Standard Title	
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1652, third edition	Flexible Metallic Tubing
270	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
300	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 263, fourteenth edition	Fire Tests of Building Construction and Materials
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords

Article	Standard Number	Standard Title	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
310	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 83B, first edition	Switchboard and Switchgear Wires and Cables
	-	UL 224, seventh edition	Extruded Insulating Tubing
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 854, twelfth edition	Service-Entrance Cables
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1441, fifth edition	Coated Electrical Sleeving
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
312	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2808, first edition	Energy Monitoring Equipment
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-030: Particular Requirements for Testing and Measuring Circuits
314	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations

Article	Standard Number	Standard Title	
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 1953, seventh edition	Power Distribution Blocks
315	ANSI C119.4	Electric Connectors — Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93ºC and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100ºC	
	-	IEEE 48	IEEE Standard for Test Procedures and Requirements for Alternating-Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV
	-	IEEE 386	IEEE Standard for Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV
	-	IEEE 404	IEEE Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2.5 kV to 500 kV
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 1072, fourth edition	Medium Voltage Power Cables

Article	Standard Number	Standard Title	
	-	UL 1569, fifth edition	Metal-Clad Cables
320	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
322	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
324	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
330	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
332	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable	
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
334	UL 719, thirteenth edition	Nonmetallic-Sheathed Cables	
	-	UL 2256, first edition	Nonmetallic Sheathed Cable Interconnects
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
335	UL 2250, third edition	Instrumentation Tray Cable	
336	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members

Article	Standard Number	Standard Title	
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
337	UL 1309A, first edition	Cable for Use in Mobile Installations	
338	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 854, twelfth edition	Service-Entrance Cables
340	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
342	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
344	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
348	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
350	UL 360, seventh edition	Liquid-Tight Flexible Steel Conduit	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
352	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings	
353	UL 651A, sixth edition	High Density Polyethylene (HDPE) Conduit	
354	UL 1990, fourth edition	Nonmetallic Underground HDPE Conduit with Conductors	
355	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings	
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
	-	UL 2515A, first edition	Supplemental Requirements for Extra-Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
356	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
358	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
360	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1652, third edition	Flexible Metallic Tubing
362	UL 1653, third edition	Electrical Nonmetallic Tubing	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
366	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
368	UL 509, second edition	Bus Drop Cable	
370	ANSI/CSA C22.2 No. 273	Cablebus	
371	UL 1386, first edition	Flexible Bus Systems	
	-	UL 1387, first edition	Flexible Insulated Bus
374	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings	
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
376	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
	-	UL 1953, seventh edition	Power Distribution Blocks
378	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
382	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	

Article	Standard Number	Standard Title	
	-	UL183, fourth edition	Manufactured Wiring Systems
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 498M, first edition	Marine Shore Power Inlets
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 991, third edition	Tests for Safety-Related Controls Employing Solid-State Devices
	-	UL 1077, seventh edition	Supplementary Protectors for Use in Electrical Equipment
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1998, third edition	Software in Programmable Components
384	UL 5B, second edition	Strut-Type Channel Raceways and Fittings	
386	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
388	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	
392	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations	
393	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1310, seventh edition	Class 2 Power Units

Article	Standard Number	Standard Title	
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 2577, first edition	Suspended Ceiling Power Grid Systems and Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
396	UL 1072, fourth edition	Medium-Voltage Power Cables	
404	ANSI/NEMA WD 6–2016	Wiring Devices — Dimensional Specifications	
	-	UL 20, fourteenth edition	General-Use Snap Switches
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 98A, second edition	Open-Type Switches
	-	UL 363, eleventh edition	Knife Switches
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 773, fifth edition	Plug-In Locking Type Photocontrols for Use with Area Lighting
	-	UL 773A, sixth edition	Nonindustrial Photoelectric Switches for Lighting Control
	-	UL 917, fifth edition	Clock-Operated Switches
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1472, second edition	Solid-State Dimming Controls
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-7, third edition	Automatic Electrical Controls — Part 2–7: Particular Requirements for Timers and Time Switches
406	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection

Article	Standard Number	Standard Title		
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts	
	-	UL 498M, first edition	Marine Shore Power Inlets	
	-	UL 514A, eleventh edition	Metallic Outlet Boxes	
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers	
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters	
	-	UL 943B, third edition	Appliance Leakage-Current Interrupters	
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters	
	-	UL 970, first edition	Retail Fixtures and Merchandise Displays	
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
	-	UL 1286, sixth edition	Office Furnishings Systems	
	-	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1682, fifth edition	Plugs, Receptacles, and Cable Connectors, of the Pin and Sleeve Type	
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors	
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters	
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters	
	-	-	-	See 406.4(D)(4)(1)
	-	UL 2999, first edition	Individual Commercial Office Furnishings	
408	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables		
	-	UL 67, thirteenth edition	Panelboards	
	-	UL 891, twelfth edition	Switchboards	
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear	
409	UL 508, eighteenth edition	Industrial Control Equipment		
	-	UL 508A, third edition	Industrial Control Panels	
410	ANSI/CSA-C22.2 No. 184.2	Solid-State Controls for Lighting Systems (SSCLS)		

Article	Standard Number	Standard Title	
	-	UL 153, thirteenth edition	Portable Electric Luminaires
	-	UL 496, fourteenth edition	Lampholders
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 542, ninth edition	Fluorescent Lamp Starters
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 970, first edition	Retail Fixtures and Merchandising Displays
	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1029A, first edition	Ignitors and Related Auxiliaries for HID Lamp Ballasts
	-	UL 1574, third edition	Track Lighting Systems
	-	UL 1598, fifth edition	Luminaires
	-	UL 1598B, first edition	Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires, Supplemental Requirements
	-	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
	-	UL 1993, sixth edition	Self-Ballasted Lamps and Lamp Adapters
	-	UL 2388, second edition	Flexible Lighting Products
	-	UL 8750, second edition	Light Emitting Diode (LED) Equipment for Use in Lighting Products
	-	UL 8752, second edition	Organic Light Emitting Diode (OLED) Panels
	-	UL 8753, second edition	Field-Replaceable Light Emitting Diode (LED) Light Engines
	-	UL 8754, second edition	Holders, Bases and Connectors for Solid-State (LED) Light Engines and Arrays
	-	UL 8800, first edition	Horticultural Lighting Equipment and Systems

Article	Standard Number	Standard Title	
	-	UL 8802, first edition	Ultraviolet (UV) Germicidal Equipment and Systems
	-	UL 8803, first edition	Portable UV Germicidal Equipment With Uncontained UV Sources
411	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1838, third edition	Low-Voltage Landscape Lighting Systems
	-	UL 2108, second edition	Low-Voltage Lighting Systems
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
422	ANSI/CSA-C22.2 No. 339	Hand-held motor-operated electric tools — Safety — Particular requirements for chain beam saws	
	-	UL 22, sixth edition	Amusement and Gaming Machines
	-	UL 73, tenth edition	Motor-Operated Appliances
	-	UL 82, ninth edition	Electric Gardening Appliances
	-	UL 122, fifth edition	Photographic Equipment
	-	UL 141, ninth edition	Garment Finishing Appliances
	-	UL 174, eleventh edition	Household Electric Storage Tank Water Heaters
	-	UL 197, tenth edition	Commercial Electric Cooking Appliances
	-	UL 283, third edition	Air Fresheners and Deodorizers
	-	UL 325, seventh edition	Door, Drapery, Gate, Louver, and Window Operators and Systems
	-	UL 399, eighth edition	Drinking Water Coolers
	-	UL 430, eighth edition	Waste Disposers
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 499, fourteenth edition	Electric Heating Appliances
	-	UL 507, tenth edition	Electric Fans
	-	UL 514A, eleventh edition	Metallic Outlet Boxes

Article	Standard Number	Standard Title	
	-	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications
	-	UL 561, seventh edition	Floor Finishing Machines
	-	UL 574, eighth edition	Electric Oil Heaters
	-	UL 621, seventh edition	Ice Cream Makers
	-	UL 705, seventh edition	Power Ventilators
	-	UL 710B, second edition	Recirculating Systems
	-	UL 749, twelfth edition	Household Dishwashers
	-	UL 751, ninth edition	Vending Machines
	-	UL 763, fifth edition	Motor-Operated Commercial Food Preparing Machines
	-	UL 778, sixth edition	Motor-Operated Water Pumps
	-	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
	-	UL 858, sixteenth edition	Household Electric Ranges
	-	UL 859, eleventh edition	Household Electric Personal Grooming Appliances
	-	UL 875, tenth edition	Electric Dry-Bath Heaters
	-	UL 921, eighth edition	Commercial Dishwashers
	-	UL 923, seventh edition	Microwave Cooking Appliances
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 962, fifth edition	Household and Commercial Furnishings
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 979, second edition	Water Treatment Appliances
	-	UL 982, eighth edition	Motor-Operated Household Food Preparing Machines
	-	UL 987, eighth edition	Stationary and Fixed Electric Tools
	-	UL 1017, tenth edition	Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines
	-	UL 1026, sixth edition	Household Electric Cooking and Food Serving Appliances
	-	UL 1086, sixth edition	Household Trash Compactors
	-	UL 1090, seventh edition	Electric Snow Movers
	-	UL 1206, fourth edition	Electric Commercial Clothes-Washing Equipment

Article	Standard Number	Standard Title	
	-	UL 1240, fourth edition	Electric Commercial Clothes-Drying Equipment
	-	UL 1278, fourth edition	Movable and Wall- or Ceiling-Hung Electric Room Heaters
	-	UL 1447, sixth edition	Electric Lawn Mowers
	-	UL 1450, fourth edition	Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment
	-	UL 1453, sixth edition	Electric Booster and Commercial Storage Tank Water Heaters
	-	UL 1576, second edition	Flashlights and Lanterns
	-	UL 1594, fourth edition	Sewing and Cutting Machines
	-	UL 1647, sixth edition	Motor-Operated Massage and Exercise Machines
	-	UL 1727, fifth edition	Commercial Electric Personal Grooming Appliances
	-	UL 1776, third edition	High-Pressure Cleaning Machines
	-	UL 2157, fourth edition	Electric Clothes Washing Machines and Extractors
	-	UL 2158, sixth edition	Electric Clothes Dryers
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 60335-2-3, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-3: Particular Requirements for Electric Irons
	-	UL 60335-2-8, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-8: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances
	-	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances, and Ice-Makers
-		UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60335-2-67, second edition	Household and Similar Electrical Appliances — Safety — Part 2-67: Particular Requirements for Floor Treatment Machines, For Commercial Use
	-	UL 60335-2-68, first edition	Household and Similar Electrical Appliances — Safety — Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use
	-	UL 60335-2-79, first edition	Household and Similar Electrical Appliances — Safety — Part 2-79: Particular Requirements for High Pressure Cleaners and Steam Cleaners

Article	Standard Number	Standard Title	
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
	-	UL 60745-1, fourth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 1: General Requirements
	-	UL 60745-2-1, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-1: Particular Requirements for Drills and Impact Drills
	-	UL 60745-2-2, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches
	-	UL 60745-2-3, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-3: Particular Requirements for Grinders, Polishers, and Disk-Type Sanders
	-	UL 60745-2-4, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type
	-	UL 60745-2-5, fifth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-5: Particular Requirements for Circular Saws
	-	UL 60745-2-6, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-6: Particular Requirements for Hammers
	-	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements for Shears and Nibblers
	-	UL 60745-2-9, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-9: Particular Requirements for Tappers
	-	UL 60745-2-11, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-11: Particular Requirements for Reciprocating Saws
	-	UL 60745-2-12, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-12: Particular Requirements For Concrete Vibrators
	-	UL 60745-2-13, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-13: Particular Requirements For Chain Saws
	-	UL 60745-2-14, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-14: Particular Requirements for Planers
	-	UL 60745-2-15, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-15: Particular Requirements for Hedge Trimmers
	-	UL 60745-2-16, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-16: Particular Requirements for Tackers
	-	UL 60745-2-17, third edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-17: Particular Requirements for Routers and Trimmers
	-	UL 60745-2-18, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-18: Particular

Article	Standard Number	Standard Title	
			Requirements For Strapping Tools
	-	UL 60745-2-19, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-19: Particular Requirements for Jointers
	-	UL 60745-2-20, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-20: Particular Requirements for Band Saws
	-	UL 60745-2-21, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-21: Particular Requirements For Drain Cleaners
	-	UL 60745-2-22, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-22: Particular Requirements for Cut-Off Machines
	-	UL 60745-2-23, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-23: Particular Requirements for Die Grinders and Small Rotary Tools
	-	UL 62841-1, first edition	Electric Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
-		UL 62841-2-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	-	UL 62841-2-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-2: Particular Requirements For Hand-Held Screwdrivers And Impact Wrenches
	-	UL 62841-2-3, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Disk-Type Polishers, and Disk-Type Sanders
	-	UL 62841-2-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	-	UL 62841-2-5, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	-	UL 62841-2-8, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	-	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders

Article	Standard Number	Standard Title	
	-	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	-	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	-	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	-	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	-	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	-	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	-	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
	-	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	-	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws
	-	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10: Particular Requirements for Transportable Cut-Off Machines
	-	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular Requirements for Transportable Threading Machines
	-	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13:

Article	Standard Number	Standard Title	
			Particular Requirements For Transportable Drills
	-	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular Requirements for Transportable Drain Cleaners
	-	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	-	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	-	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
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424	UL 499, fourteenth edition	Electric Heating Appliances	
	-	UL 1042, fifth edition	Electric Baseboard Heating Equipment
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	-	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	-	UL 1995, fifth edition	Heating and Cooling Equipment
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	-	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
	-	UL 2683, first edition	Electric Heating Products for Floor and Ceiling Installation
425	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
426	IEEE 515	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications	

Article	Standard Number	Standard Title	
	-	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
427	IEEE 515-2017	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications	
	-	UL 515, second edition	Electrical Resistance Trace Heat for Commercial Applications
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 4, fifteenth edition	Armored Cable	
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 705, seventh edition	Power Ventilators
	-	UL 745-1, second edition	Portable Electric Tools
	-	UL 845, sixth edition	Motor Control Centers
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	-	UL 1004-2, second edition	Impedance Protected Motors
	-	UL 1004-3, second edition	Thermally Protected Motors
	-	UL 1004-6, second edition	Servo and Stepper Motors
	-	UL 1004-7, third edition	Electronically Protected Motors
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Article	Standard Number	Standard Title	
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	-	UL 60745-2-2, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-2: Particular Requirements For Screwdrivers And Impact Wrenches
	-	UL 60745-2-3, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Polishers, and Disk-Type Sanders
	-	UL 60745-2-4, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	-	UL 60745-2-5, fifth edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	-	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
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	-	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
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Article	Standard Number	Standard Title	
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-		UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	-	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders
	-	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	-	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	-	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	-	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	-	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	-	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	-	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
	-	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	-	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws

Article	Standard Number	Standard Title	
	-	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10: Particular requirements for Transportable Cut-Off Machines
	-	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular requirements for Transportable Threading Machines
	-	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13: Particular Requirements For Transportable Drills
	-	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular requirements for Transportable Drain Cleaners
	-	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	-	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	-	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	-	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
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Article	Standard Number	Standard Title	
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	-	UL 1995, fifth edition	Heating and Cooling Equipment
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Article	Standard Number	Standard Title	
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	-	UL 1973, third edition	Batteries for Use in Stationary and Motive Auxiliary Power Applications
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	-	UL 4127, second edition	Low Voltage Battery Cable
	-	UL 4128, fifth edition	Intercell and Intertier Connectors for use in Electrochemical Battery System Applications
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	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	-	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15kV
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
500	FM 121303	Guide for Use of Detectors for Flammable Gases	
	-	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
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	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified)

Article	Standard Number	Standard Title	
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	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations
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	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	-	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
501	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	

Article	Standard Number	Standard Title	
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
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	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
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	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
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	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids

Article	Standard Number	Standard Title	
502	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
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	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
503	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations

Article	Standard Number	Standard Title	
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
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505	FM 121303	Guide for Use of Detectors for Flammable Gases	
	-	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
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	-	UL 60079-1, seventh edition	Explosive Atmospheres — Part 1: Equipment Protection by Flameproof Enclosures “d”
	-	UL 60079-2, sixth edition	Explosive Atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-5, fourth edition	Explosive Atmospheres — Part 5: Type of Equipment Protectionby Powder Filling
	-	UL 60079-6, fourth edition	Explosive Atmospheres — Part 6: Equipment Protection by Liquid Immersion “o”
	-	UL 60079-7, fifth edition	Explosive Atmospheres — Part 7: Equipment Protection by Increased Safety “e”
	-	UL 60079-10-1, first edition	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive Gas

Article	Standard Number	Standard Title	
			Atmospheres
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety “i”
	-	UL 60079-13, second edition	Explosive Atmospheres — Part 13: Equipment Protection by Pressurized Room “p” and Artificially Ventilated Room “v”
	-	UL 60079-15, fifth edition	Explosive Atmospheres — Part 15: Equipment Protection by Type of Protection “n”
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	-	UL 60079-26, third edition	Explosive Atmospheres — Part 26: Equipment with Equipment Protection Level (EPL) Ga
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b”, Liquid Immersion “k”
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
506	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and	

Article	Standard Number	Standard Title	
		Structures — General, Testing, Marking, and Documentation Requirements	
	-	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	-	UL 60079-2, sixth edition	Explosive atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety "i"
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-31, second edition	Explosive Atmospheres — Part 31: Equipment Dust Ignition Protection by Enclosure “t”
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 62784, first edition	Vacuum Cleaners and Dust Extractors Providing Equipment Protection Level Dc for the Collection of Combustible Dusts — Particular Requirements
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b“, Liquid Immersion “k”
512	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and	

Article	Standard Number	Standard Title	
		Hazardous (Classified) Locations	
516	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials	
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
517	AAMI ES 60601-1	Medical electrical equipment — Part 1: General requirements for basic safety and essential performance	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1022, fifth edition	Line Isolation Monitors
	-	UL 1047, sixth edition	Isolated Power Systems Equipment
	-	UL 1286, sixth edition	Office Furnishing Systems
	-	UL 2930, first edition	Cord-and-Plug-connected Health Care Facility Outlet Assemblies
	-	UL 60601-1, first edition	Medical Electrical Equipment — Part 1: General Requirements for Safety
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
518	UL 498, sixteenth edition	Attachment Plugs and Receptacles	

Article	Standard Number	Standard Title	
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 2305, first edition	Exhibition Display Units, Fabrication and Installation
520	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 334, second edition	Theater Lighting Distribution and Control Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 891, twelfth edition	Switchboards
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
522	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 2250, third edition	Instrumentation Tray Cable
525	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
530	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1479-2-15, fourth edition	Fire Tests of Penetration Firestops
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1680, second edition	Stage and Lighting Cables

Article	Standard Number	Standard Title	
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
540	UL 67, thirteenth edition	Panelboards	
	-	UL 943, fifth edition	Ground-Fault Circuit Interrupters
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
545	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 20, fourteenth edition	General Use Snap Switches
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
547	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations

Article	Standard Number	Standard Title	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
-		UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1598, fifth edition	Luminaires
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
550	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 307A, ninth edition	Liquid Fuel-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	-	UL 307B, fifth edition	Gas-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low-Voltage Lighting Systems

Article	Standard Number	Standard Title	
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
551	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1449, fifth edition	Surge Protective Devices

Article	Standard Number	Standard Title	
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2299, first edition	Ground Monitor Interrupters
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
552	SAE J1128-2015	Low Voltage Primary Cable, for Types GXL, HDT, and SXL	
	-	SAE J1127-2015	Low Voltage Battery Cable, for Types SGT and SGR
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for Use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 430, eighth edition	Waste Disposers
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords

Article	Standard Number	Standard Title	
	-	UL 916, fifth edition	Energy Management Equipment
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low Voltage Lighting Systems
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
555	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 231, tenth edition	Power Outlets
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1399, first edition	Leakage Current Measurement Devices for Use in Marina Applications
	-	UL 1650, first edition	Portable Power Cable
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
590	UL 496, fourteenth edition	Lampholders	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1088, seventh edition	Temporary Lighting Strings

Article	Standard Number	Standard Title	
	-	UL 1377, first edition	Wire used in Low Voltage Seasonal Lighting Products In Circuits With a Maximum Available Power of 15W
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
600	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 13, fourth edition	Power-Limited Circuit Cables
	-	UL 48, fifteenth edition	Electric Signs
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 814, twelfth edition	Gas-Tube-Sign Cable
	-	UL 879, ninth edition	Electric Sign Components
	-	UL 879A, first edition	LED Sign and Sign Retrofit Kits
	-	UL 879B, first edition	Polymeric Enclosure Systems for the Splice Between Neon Tubing Electrode Leads and GTO Cable, and the GTO Cable Leading to the Splice
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2161, second edition	Neon Transformers and Power Supplies

Article	Standard Number	Standard Title	
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 3703, first edition	Solar Trackers
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements For Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements For Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: Particular Requirements for Inverters
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
604	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 183, fourth edition	Manufactured Wiring Systems
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings

Article	Standard Number	Standard Title	
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 857, thirteenth edition	Busways
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
605	UL 962, fifth edition	Household and Commercial Furnishings	
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 1286, sixth edition	Office Furnishings Systems
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 2999, first edition	Individual Commercial Office Furnishings
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
610	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 2273, second edition	Festoon Cable
620	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 104, twelfth edition	Elevator Door Locking Devices and Contacts
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1449, fifth edition	Surge Protective Devices

Article	Standard Number	Standard Title	
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
624	UL 9741A	Onboard Electric Vehicle Power Export and Import Equipment	
625	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2202, third edition	DC Charging Equipment for Electric Vehicles
	-	UL 2231-1, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 1: General Requirements
	-	UL 2231-2, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 2: Particular Requirements for Protection Devices for Use in Charging Systems
	-	UL 2251-, fourth edition	Plugs, Receptacles and Couplers for Electrical Vehicles
	-	UL 2580, third edition	Batteries for Use in Electric Vehicles
	-	UL 2594, third edition	Electric Vehicle Supply Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
626	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 231, tenth edition	Power Outlets
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords

Article	Standard Number	Standard Title	
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1686, fifth edition	Pin and Sleeve Configurations
630	UL 551, eighth edition	Transformer-Type Arc-Welding Machines	
640	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 813, seventh edition	Commercial Audio Equipment
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1419, fourth edition	Professional Video and Audio Equipment
	-	UL 1492, second edition	Audio-Video Products and Accessories
	-	UL 1711, fourth edition	Amplifiers for Fire Protective Signaling Systems
	-	UL 2269, fourth edition	Optical Fiber/Communications/Signaling/Coaxial Cable Outlet Boxes
	-	UL 6500, second edition	Audio/Video and Musical Instrument Apparatus for Household, Commercial, and Similar General Use
	-	UL 60065, eighth edition	Audio, Video and Similar Electronic Apparatus — Safety Requirements
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
645	UL 38, eighth edition	Manual Signaling Boxes for Fire Alarm Systems	
	-	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems
	-	UL 444, fifth edition	Communications Cables
	-	UL 464, eleventh edition	Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire Alarm Circuits
	-	UL 833, first edition	Control Units and Accessories for Fire Alarm Systems
	-	UL 864, eleventh edition	Control Units and Accessories for Fire Alarm Systems
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1425, third edition	Cables for Non-Power-Limited Fire-Alarm Circuits
	-	UL 1449, fifth edition	Surge Protective Devices

Article	Standard Number	Standard Title	
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1638, sixth edition	Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1690, fourth edition	Data-Processing Cable
-		UL 1778, fifth edition	Uninterruptible Power Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 60950-1, second edition	Information Technology Equipment — Safety — Part 1: General Requirements
	-	UL 60950-21, first edition	Information Technology Equipment — Safety — Part 21: Remote Power Feeding
	-	UL 60950-22, second edition	Information Technology Equipment — Safety — Part 22: Equipment to be Installed Outdoors
	-	UL 60950-23, first edition	Information Technology Equipment — Safety — Part 23: Large Data Storage Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
646	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 305, sixth edition	Panic Hardware
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 869A, fourth edition	Reference Standard for Service Equipment

Article	Standard Number	Standard Title	
	-	UL 891, twelfth edition	Switchboards
	-	UL 924, tenth edition	Emergency Lighting and Power Equipment
-		UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1062, third edition	Unit Substations
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1655, second edition	Community-Antenna Television Cables
	-	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	-	UL 2755, second edition	Modular Data Centers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
647	UL 1598, fifth edition	Luminaires	
650	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
670	ANSI/CSA-C22.2 No. 19085-1	Woodworking machines — Safety — Part 1: Common requirements	
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy

Article	Standard Number	Standard Title	
675	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
680	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 20, fourteenth edition	General Use Snap-Switches
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 379, first edition	Power Units for Fountain, Swimming Pool, and Spa Luminaires
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 676A, third edition	Potting Compounds for Swimming Pool, Fountain, and Spa Equipment
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1004-10, first edition	Pool Pump Motors
	-	UL 1081, seventh edition	Swimming Pool Pumps, Filters, and Chlorinators
	-	UL 1241, seventh edition	Junction Boxes for Swimming Pool Luminaires
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1261, sixth edition	Electric Water Heaters for Pools and Tubs
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit

Article	Standard Number	Standard Title	
	-	UL 1795, fifth edition	Hydromassage Bathtubs
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2452, first edition	Electric Swimming Pool and Spa Cover Operators
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2995, first edition	Lifts for Swimming Pools and Spas
	-	UL 60335-2-1000, first edition	Household and Similar Electrical Appliances: Particular Requirements for Electrically Powered Pool Lifts
682	UL 486D, seventh edition	Sealed Wire Connector Systems	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1838, third edition	Low Voltage Landscape Lighting Systems
690	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems	
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1703, third edition	Flat-Plate Photovoltaic Modules and Panels
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels

Article	Standard Number	Standard Title	
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 3703, first edition	Solar Trackers
	-	UL 3730, first edition	Photovoltaic Junction Boxes
	-	UL 3741, first edition	Photovoltaic Hazard Control
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	-	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements for Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements for Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
692	UL 2262, second edition	Fuel Cell Modules for Use in Portable and Stationary Equipment	
	-	UL 2262A, second edition	Borohydride Fuel Cartridges with Integral Fuel Processing for Use with Portable Fuel Cell Power Systems or Similar Equipment
	-	UL 2265, first edition	Fuel Cell Power Units and Fuel Storage Containers for Portable Devices
	-	UL 2265C, first edition	Hand-Held or Hand-Transportable Alkaline (Direct Borohydride) Fuel Cell Power Units and Borohydride Fuel Cartridges For Use With Consumer Electronics or Information Technology Equipment
	-	UL 2266, first edition	Electromagnetic Compatibility, Electrical Safety, and Physical Protection of

Article	Standard Number	Standard Title	
			Stationary and Portable Fuel Cell Power Systems for Use with Commercial Network Telecommunications Equipment
	-	UL 2267, third edition	Fuel Cell Power Systems for Installation in Industrial Electric Trucks
694	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 489C, first edition	Molded-Case Circuit Breakers and Molded-Case Switches for Use with Wind Turbines
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2277, fifth edition	Flexible Motor Supply Cable and Wind Turbine Tray Cable
	-	UL 2736, first edition	Single Pole Separable Interconnecting Cable Connectors for Use with Wind Turbine Generating Systems
	-	UL 4143, first edition	Wind Turbine Generator — Life Time Extension (LTE)
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
695	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 218, third edition	Fire Pump Controllers
	-	UL 448, twelfth edition	Centrifugal Stationary Pumps for Fire-Protection Service
	-	UL 448B, second edition	Residential Fire Pumps Intended for One- and Two-Family Dwellings and Manufactured Homes
	-	UL 448C, second edition	Stationary, Rotary-Type, Positive-Displacement Pumps for Fire Protection Service
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1004-5, second edition	Fire Pump Motors
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
700	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
701	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
702	UL 98, fourteenth edition	Enclosed and Dead-Front Switches	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
705	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2200, third edition	Stationary Engine Generator Assemblies

Article	Standard Number	Standard Title	
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
706	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses	
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 489H, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures, for Use with Direct Current (DC) Microgrids
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures

Article	Standard Number	Standard Title	
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 9540, third edition	Energy Storage Systems and Equipment
708	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
710	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources	
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 62109-1, first edition	Power Converters for use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
720	UL 2043	Fire Test for Heat and Visible Smoke	

Article	Standard Number	Standard Title	
		Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces	
	ASTM E119	Standard Test MEthods for Fire Testing of Building Construction and Materials	
721	UL 60950-1	Standard for Safety of Information Technology Equipment	
	UL 62368-1	Safety of Audio/Video	
	UL 61010-2	Safety Requirements of Electrical Equipment for Measurement, Control, and Laboratory Use – Part 2 201: Particular Requirements for Control Equipment	
	UL 61800-5-1	Adjustable Speed Electrica Power Drive Systems-Part 5-1: Safety Requirements – Electrical Thermal and Energy	
	UL 1400-1	Outline for Fault-Managed Power Systems – Part 1: General Requirements	
722	CSA C22.2 No. 0.3-M-2001	Test Methods for Electrical Wires and Cables	
	ANSI/NEMA C137.3-2017	American National Standard for Lighting Systems-Minimum Requirement for Installation of Energy Efficient Power of Ethernet (PoE) Lighting Systems	
	TIA-TSB-184-A-2017	Guidelines for Supporting Power Delivery Over Balanced Twisted-Pair Cabling	
	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 444, fifth edition Communications Cables	-

Article	Standard Number	Standard Title	
	UL 1400-1	Outline of Investigation for Fault-Managed Power Systems – Part 1: General Requirements	
	UL 1400-2	Outline of Investigation for Fault-Managed Power Systems – Part 2: Requirements for Class 4 Cables	
	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits	
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2044, fourth edition	Commercial Closed-Circuit Television Equipment
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	UL 2885	Outline of Investigation for Acid Gas, Acidity and Conductivity of Combusted Materials	
725	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 9990, first edition	Information and Communication Technology (ICT) Power Cables
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 61010-2-201, second edition	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-201: Particular Requirements for Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment —

Article	Standard Number	Standard Title	
			Part 1: Safety Requirements
726	UL 1400-1, first edition	Fault-Managed Power Systems — 1 General Requirements	
	-	UL 1400-2, first edition	Fault-Managed Power Systems — 2 Requirements for Cables
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
728	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 568, first edition	Nonmetallic Cable Tray Systems
	-	UL 884, thirteenth edition	Underfloor Raceways and Fittings
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
750	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	-	UL 497A, third edition	Secondary Protectors for Communication Circuits
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire-Alarm Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits

Article	Standard Number	Standard Title		
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors	
760	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems		
	-	UL 268A, fourth edition	Smoke Detectors for Duct Application	
	-	UL 486C, eighth edition	Splicing Wire Connectors	
	-	UL 497B, fourth edition	Protectors for Data Communication and Fire Alarm Circuits	
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits	
	-	UL 1425, third edition	Cables for Non–Power-Limited Fire-Alarm Circuits	
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories	
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts	
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables	-
	UL 1724	Fire Test for Electrical Circuit Protective Systems		
	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables	-	
	UL 2556	Wire and Cable Test Methods		
	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators		
800	~~UL 444~~ CSA C22.2 No. 0.3-0.9 (R2019)	Test Methods for Electrical Wires and Cables		
	UL 444 , fifth edition	Communications Cables		
	-	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 489A, first edition	Circuit Breakers for Use in Communication Equipment	
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits	
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits	
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits	

Article	Standard Number	Standard Title	
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 498A, second edition	Current Taps and Adapters
	-	UL 523, second edition	Telephone Service Drop Wire
	-	UL 568, first edition	Nonmetallic Cable Tray Systems
	-	UL 723, eleventh edition	Test for Surface Burning Characteristics of Building Materials
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 1863, fourth edition	Communication-Circuit Accessories
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 60950-1, second edition	Information Technology Equipment
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
810	UL 150, fourth edition	Antenna Rotators	
	-	UL 452, seventh edition	Antenna-Discharge Units
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
820	UL 444, fifth edition	Communications Cables	
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 1655, second edition	Community-Antenna Television Cables

Article	Standard Number	Standard Title	
830	UL 444, fifth edition	Communications Cables	
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
Tables 11(A) and 11(B)	UL 1310, seventh edition	Class 2 Power Units	
	UL 1434, first edition	Thermistor-Type Devices	
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers	
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements	
Tables 12(A) and 12(B)	UL 1310, seventh edition	Class 2 Power Units	
	UL 1434, first edition	Thermistor-Type Devices	
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers	
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements	

Table A.1(3) Product Safety Standards for Conductors and Equipment That Do Not Have an Associated Listing Requirement and Other Referenced Publications

Article	Standard Number	Standard Title	
110	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
	-	UL 969, fifth edition	Marking and Labeling Systems
	-	UL 9691, first edition	Recommended Practice for Nameplates for Use in Electrical Installations

Article	Standard Number	Standard Title	
210	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
215	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
240	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
245	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	NEMA C37.54	NEMA Standard Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
265	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
300	UL 635, third edition	Insulating Bushings	
314	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	

Article	Standard Number	Standard Title	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
320	UL 514A, eleventh edition	Metallic Outlet Boxes	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
322	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
324	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
330	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
332	UL 1565, sixth edition	Positioning Devices	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
334	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
335	UL 2250, third edition	Instrumentation Tray Cable	

Article	Standard Number	Standard Title	
337	UL 1565, sixth edition	Positioning Devices	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
340	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	
342	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
344	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
348	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
350	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
352	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
353	UL 635, third edition	Insulating Bushings	
355	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
356	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
358	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
362	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
368	UL 857, thirteenth edition	Busways	
392	UL 568, first edition	Nonmetallic Cable Tray Systems	
400	NEMA WC 58-2017	Portable and Power Feeder Cables for Use in Mines and Similar Applications	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means

Article	Standard Number	Standard Title	
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1680, second edition	Stage and Lighting Cables
	-	UL 2263, first edition	Electric Vehicle Cable
402	UL 66, third edition	Fixture Wire	
408	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
409	UL 1436, sixth edition	Outlet Circuit Testers and Other Similar Indicating Devices	
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-30: Particular Requirements for Testing and Measuring Circuits
424	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
	-	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	-	UL 1995, fifth edition	Heating and Cooling Equipment
	-	UL 1996, fourth edition	Electric Duct Heaters
	-	UL 60335-1, sixth edition	Safety of Household and Similar Electrical Appliances, Part 1: General Requirements
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2–40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
425	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
426	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units	
427	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications	
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 248-13, third edition	Low Voltage Fuses — Part 13: Semiconductor Fuses	

Article	Standard Number	Standard Title	
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
445	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
-	-	-	
450	IEEE C57.12.00	IEEE Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers	
	-	IEEE C57.12.28	IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity
	-	IEEE C57.12.29	IEEE C57.12.29 IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity for Coastal Environments
	-	IEEE C57.16	IEEE Standard for Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 1561, fourth edition	Dry-Type General Purpose and Power Transformers
	-	UL 1562, fourth edition	Transformers, Distribution, Dry-Type Over 600 Volts
	-	UL 5085, second edition	Low Voltage Transformers — Part 2: General Purpose Transformers
460	UL 810, sixth edition	Capacitors	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
	-	UL 60384-14, second edition	Fixed Capacitors for Use in Electronic Equipment — Part 14: Sectional Specification: Fixed Capacitors for

Article	Standard Number	Standard Title	
			Electromagnetic Interference Suppression and Connection to the Supply Mains
470	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
495	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.20.2	IEEE Standard for Metal-Clad Switchgear
	-	IEEE C37.20.3	IEEE Standard for Metal-Enclosed Interrupter Switchgear (1 kV–38 kV)
	-	IEEE C37.20.4	IEEE Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear
	-	IEEE C37.20.6	IEEE Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in Enclosures
	-	IEEE C37.20.9	IEEE Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems
	-	IEEE C37.23	IEEE Standard for Metal-Enclosed Bus
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.59	IEEE Standard for Requirements for Conversion of Power Switchgear Equipment
	-	IEEE C37.60	IEEE International Standard — High-voltage switchgear and controlgear — Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV
	-	IEEE C37.74	IEEE Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV
	-	NEMA C37.54	American National Standard for Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
	-	NEMA C37.55	American National Standard for Switchgear — Medium Voltage Metal-Clad Assemblies — Conformance Test Procedures
	-	NEMA C37.57	American National Standard for Switchgear — Metal-Enclosed

Article	Standard Number	Standard Title	
			Interrupter Switchgear Assemblies — Conformance Testing
	-	NEMA C37.58	American National Standard for Switchgear — Indoor AC Medium Voltage Switches for Use in Metal-Enclosed Switchgear — Conformance Test Procedures
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	-	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15KV
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 2748, first edition	Arcing Fault Quenching Equipment
	-	UL 2877, fourth edition	Power Supplies, Medium Voltage
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
500	ANSI/IEEE C2	National Electrical Safety Code, Section 127A, Coal Handling Areas	
	-	ANSI/UL 121203	Recommended Practice for Portable/Personal Electronic Products Suitable for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2, Class III, Division 1, Class III, Division 2, Zone 21 and Zone 22 Hazardous (Classified) Locations
	-	API RP 14F	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Division 1 and Division 2 Locations
	-	API RP 500	Recommended Practice for Classification of Locations of Electrical Installations at Petroleum Facilities Classified as Class I, Division 1 and Division 2
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASHRAE 15	Safety Standard for Refrigeration Systems.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	IEEE 844.2	Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	IEEE/IEC International Standard for Explosive atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation, and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems

Article	Standard Number	Standard Title	
	-	ISA-12.10	Area Classification in Hazardous (Classified) Dust Locations
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 32-2021	Standard for Drycleaning Facilities
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 35-2021	Standard for the Manufacture of Organic Coatings
	-	NFPA 36-2025	Standard for Solvent Extraction Plants
	-	NFPA 45-2024	Standard on Fire Protection for Laboratories Using Chemicals
	-	NFPA 55-2026	Compressed Gases and Cryogenic Fluids Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installation in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	-	NFPA 820-2024	Standard for Fire Protection in Wastewater Treatment and Collection Facilities
	-	UL 60079-29-2, second edition	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	-	UL 120002, second edition	Recommended Practice for Certificates for Equipment for Hazardous (Classified) Locations
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations

Article	Standard Number	Standard Title	
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
-	-	-	
501	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
-	-	-	
503	NFPA 505-2024	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	
504	ISA-RP 12.06.01	Recommended Practice for Wiring Methods for Hazardous (Classified) Locations Instrumentation — Part 1: Intrinsic Safety	
505	ANSI/API RP 14FZ	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Zone 0, Zone 1, and Zone 2 Locations	
	-	API RP 505	Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Zone 0, Zone 1, and Zone 2
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	EI 15	Model Code of Safe Practice, Part 15: Area Classification Code for Installations Handling Flammable Fluids
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	-	ISA-60079-10-1 (12.24.01)	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive gas atmospheres
	-	ISA-60079-29-2	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1:

Article	Standard Number	Standard Title	
			Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	-	UL 80079-20-1, first edition	Explosive Atmospheres — Part 20-1: Material Characteristics for Gas and Vapour Classification — Test Methods and Data
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
506	ASME B1.20.1	Pipe Threads, General Purpose (Inch)	
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	-	ISA-60079-10-2 (12.10.05)	Explosive Atmospheres — Part 10-2: Classification of Areas — Combustible Dust Atmospheres
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
511	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages	
	-	NFPA 88A-2023	Standard for Parking Structures
512	ICC IFC	International Fire Code	
	-	NFPA 1-2023	Fire Code
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 36-2025	Standard for Solvent Extraction Plants

Article	Standard Number	Standard Title	
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 70B-2023	Standard for Electrical Equipment Maintenance
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
513	NFPA 30-2024	Flammable and Combustible Liquids Code	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 409-2022	Standard on Aircraft Hangars
514	NFPA 2-2023	Hydrogen Technologies Code	
	-	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages
	-	NFPA 52-2023	Vehicular Natural Gas Fuel Systems Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 303-2026	Fire Protection Standard for Marinas and Boatyards
515	NFPA 30-2024	Flammable and Combustible Liquids Code	
516	NFPA 13-2025	Standard for the Installation of Sprinkler Systems	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 91-2026	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids
	-	NFPA 701-2023	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
620	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 66, third edition	Fixture Wire
	-	UL 504, third edition	Mineral-Insulated, Metal Sheathed Cable
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1569, fifth edition	Metal-Clad Cables
625	UL 3001, first edition	Distributed Energy Generation and Storage Systems	

Article	Standard Number	Standard Title	
630	UL 1276, third edition	Welding Cable	
650	UL 1651, fourth edition	Optical Fiber Cable	
660	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
668	UL 4, fifteenth edition	Armored Cable	
	-	UL 62, twentieth edition	Flexible Cords and Cables
670	UL 1740, fourth edition	Standard for Robots and Robotic Equipment	
	-	UL 2011, seventh edition	Machinery
	-	UL 3100, first edition	Automated Mobile Platforms (AMPs)
675	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1263, sixth edition	Irrigation Cable
690	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
691	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
692	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
694	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
700	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits	

Article	Standard Number	Standard Title	
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
701	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
	-	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
702	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
705	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
708	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
710	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
720	ASTM E119	Standard Test Methods for Fire Tests of Building Construction and Materials	
	ATIS 0600337-2019 (R2024)	Requirements for Maximum Voltage, Current, and Power Levels Used in Communications Circuits, for additional information regarding voltages, currents, and power allowed on communications circuits.	
	NEMA FB 2.40-2019	Installation Guidelines for Expansion and Expansion/Deflection Fittings, for further information on expansion and expansion deflection fittings.	
	ANSI/BICSI N1-2019	Installation Practices for Telecommunications and IC Cabling and Related Cabling Infrastructure	
	ANSI/TIA-568.0-D-2015	Generic Telecommunications Cabling for Customer Premises	
	ANSI/TIA-568.1- E-2020	Commercial Building Telecommunications Infrastructure Standard	
	ANSI/TIA 568.3-D-2016	Optical Fiber Cabling and Components Standard	
	ANSI/TIA-569-E-2019	Telecommunications Pathways and Spaces	
	ANSI/TIA-570-C-2012	Residential Telecommunications Infrastructure Standard	
	ANSI/TIA-1005-A-2012	Telecommunications Infrastructure Standard for Industrial Premises	
	ANSI/ TIA-1179-A-2017	Healthcare Facility Telecommunications Infrastructure Standard	
	ANSI/TIA-4966-2014	Telecommunications Infrastructure Standard for Educational Facilities	

Statement of Problem and Substantiation for Public Input

This public input is submitted on behalf of the NEC-AAC Limited-Energy Task Group. Task Group Members includes: Ernie Gallo, George Zimmerman, Derrick Atkins, Anthony Tassone, Chad Jones, Jeff Noren, Trevor Bowmer, Ronald Tellas, Chris Rawson, Gerry O'Conner and Ryan Jackson.

This PI seeks to add these standards to the Tables in ANNEX A in accordance with the NEC Style Manaul section 2.1.10.5 as these standards were referenced in various informational notes in the limited-energy articles. Those informational notes are proposed for deletion by related PIs from this task group.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 2282-NFPA 70-2026 [Section No. 800.2]	
Public Input No. 1066-NFPA 70-2026 [Section No. 720.2]	
Public Input No. 1071-NFPA 70-2026 [Section No. 720.6(A)]	
Public Input No. 1085-NFPA 70-2026 [Section No. 720.22]	
Public Input No. 1087-NFPA 70-2026 [Section No. 720.30(B)]	
Public Input No. 1088-NFPA 70-2026 [Section No. 720.30(E)]	
Public Input No. 2265-NFPA 70-2026 [Section No. 721.30(A)]	
Public Input No. 2269-NFPA 70-2026 [Section No. 721.50]	
Public Input No. 2270-NFPA 70-2026 [Section No. 721.60]	
Public Input No. 1171-NFPA 70-2026 [Section No. 722.2]	
Public Input No. 1172-NFPA 70-2026 [New Section after 722.2]	
Public Input No. 1410-NFPA 70-2026 [Section No. 722.140(A)]	
Public Input No. 1376-NFPA 70-2026 [Section No. 722.150]	
Public Input No. 1377-NFPA 70-2026 [Section No. 722.151(B)(2)]	
Public Input No. 1399-NFPA 70-2026 [Part VIII.]	
Public Input No. 1400-NFPA 70-2026 [Section No. 722.170]	
Public Input No. 2280-NFPA 70-2026 [Section No. 722.180]	
Public Input No. 1442-NFPA 70-2026 [Section No. 760.2(A)]	

Submitter Information Verification

Submitter Full Name: Kyle Krueger
Organization: National Electrical Contractor
Street Address:
City:
State:
Zip:

Submittal Date: Tue Mar 31 22:07:29 EDT 2026
Committee: NEC-P01

Public Input No. 3321-NFPA 70-2026 [Section No. A.1]

A.1 Referenced Publications.

Table A.1(1), Table A.1(2), and Table A.1(3) provide a list of publications that are referenced in this code. These references are current at the time of publication. New publications or modifications to existing publications can occur at any time while this edition of the code is in effect.

Table A.1(1) provides a list of NFPA publications referenced in this code. Table A.1(2) provides a list of product safety standards used for product listing where that listing is required by this code. Table A.1(3) provides a list of other publications referenced in this code.

Table A.1(1) NFPA Standards Referenced in NEC

Standard Number	Standard Title	Current Edition	Extract Edition
1	Fire Code	2024	-
2	Hydrogen Technologies Code	2023	-
13	Standard for the Installation of Sprinkler Systems	2025	-
13D	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	2025	-
20	Standard for the Installation of Stationary Pumps for Fire Protection	2025	2025
30	Flammable and Combustible Liquids Code	2024	-
30A	Code for Motor Fuel Dispensing Facilities and Repair Garages	2024	2024
32	Standard for Drycleaning Facilities	2021	-
33	Standard for Spray Application Using Flammable or Combustible Materials	2024	2024
34	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids	2024	2024
35	Standard for the Manufacture of Organic Coatings	2021	-
36	Standard for Solvent Extract Plants	2025	-
37	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines	2024	-
40	Standard for the Storage and Handling of Cellulose Nitrate Film	2025	-
45	Standard on Protection for Laboratories Using Chemicals	2024	-
52	Vehicular Natural Gas Fuel Systems Code	2026	-
54	National Fuel Gas Code	2024	-
55	Compressed Gases and Cryogenic Fluids Code	2026	-
58	Liquified Petroleum Gas Code	2024	-
59	Utility LP-Gas Plant Code	2024	-
70	National Electrical Code®	2026	-
70B	Standard for Electrical Equipment Maintenance	2023	-
70E®	Standard for Electrical Safety in the Workplace®	2024	-
72	National Fire Alarm and Signaling Code®	2025	-
75	Standard for the Fire Protection of Information Technology Equipment	2024	2024
77	Recommended Practice on Static Electricity	2024	-
79	Electrical Standard for Industrial Machinery	2024	2024
80	Standard for Fire Doors and Other Opening Protectives	2025	-
88A	Standard for Parking Structures	2023	-
90A	Standard for the Installation of Air-Conditioning and Ventilating Systems	2024	-
90B	Standard for the Installation of Warm Air Heating and Air-Conditioning Systems	2024	-

Standard Number	Standard Title	Current Edition	Extract Edition
91	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids	2026	-
99	Health Care Facilities Code	2024	2024
101®	Life Safety Code®	2024	2024
110	Standard for Emergency and Standby Power Systems	2025	2025
111	Standard for Stored Electrical Energy Emergency and Standby Power Systems	2025	-
220	Standard on Types of Building Construction	2024	-
262	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces	2023	-
303	Fire Protection Standard for Marinas and Boatyards	2026	2021
307	Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves	2021	2021
409	Standard on Aircraft Hangers	2022	-
496	Standard for Purged and Pressurized Enclosures for Electrical Equipment	2024	-
497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	-
499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	2024
505	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	2024	-
701	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films	2023	-
730	Guide for Premises Security	2023	-
780	Standard for the Installation of Lightning Protection Systems	2026	-
790	Standard for the Competency of Third-Party Field Evaluation Bodies	2024	2024
820	Standard for Fire Protection in Wastewater Treatment and Collection Facilities	2024	-
853	Standard for the Installation of Stationary Fuel Cell Power Systems	2025	-
855	Standard for the Installation of Stationary Energy Storage Systems	2026	-
1192	Standard on Recreational Vehicles	2026	2021
1660	Standard for Emergency, Continuity, and Crisis Management: Preparedness, Response, and Recovery	2024	-
5000	Building Construction and Safety Code®	2024	-

Table A.1(2) Product Safety Standards for Conductors and Equipment That Have an Associated Listing Requirement

Article	Standard Number	Standard Title
110	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies

Article	Standard Number	Standard Title	
	-	UL 305, sixth edition	Panic Hardware
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
130	UL 916, fifth edition	Energy Management Equipment	
	-	UL 3141, first edition	Power Control Systems
210	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground Fault Circuit Interrupters
	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters
225	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
230	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 218, third edition	Fire Pump Controllers

Article	Standard Number	Standard Title	
	-	UL 231, tenth edition	Power Outlets
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 414, ninth edition	Meter Sockets
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 857, thirteenth edition	Busways
	-	UL 869A, fourth edition	Reference Standard for Service Equipment
	-	UL 891, twelfth edition	Switchboards
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1062, third edition	Unit Substations
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit

Article	Standard Number	Standard Title	
	-	UL 1740, fourth edition	Robots and Robotic Equipment
	-	UL 1953, seventh edition	Power Distribution Blocks
	-	UL 2011, seventh edition	Machinery
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2416, first edition	Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems
	-	UL 2446, first edition	Unitary Boiler Room Systems
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 2735, first edition	Electric Utility Meters
	-	UL 2745, first edition	Meter Socket Adapters for Communications Equipment
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
	-	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
240	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements	
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 2: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-11, third edition	Low-Voltage Fuses — Part 11: Plug Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses

Article	Standard Number	Standard Title	
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures
	-	UL 489I, second edition	Solid State Molded-Case Circuit Breakers
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
242	UL 1449, fifth edition	Surge Protective Devices	
250	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 153, thirteenth edition	Portable Electric Luminaires
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel

Article	Standard Number	Standard Title	
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1652, third edition	Flexible Metallic Tubing
270	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
300	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 263, fourteenth edition	Fire Tests of Building Construction and Materials
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords

Article	Standard Number	Standard Title	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
310	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 83B, first edition	Switchboard and Switchgear Wires and Cables
	-	UL 224, seventh edition	Extruded Insulating Tubing
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 854, twelfth edition	Service-Entrance Cables
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1441, fifth edition	Coated Electrical Sleeving
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
312	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2808, first edition	Energy Monitoring Equipment
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-030: Particular Requirements for Testing and Measuring Circuits
314	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations

Article	Standard Number	Standard Title	
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 1953, seventh edition	Power Distribution Blocks
315	ANSI C119.4	Electric Connectors — Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93ºC and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100ºC	
	-	IEEE 48	IEEE Standard for Test Procedures and Requirements for Alternating-Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV
	-	IEEE 386	IEEE Standard for Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV
	-	IEEE 404	IEEE Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2.5 kV to 500 kV
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 1072, fourth edition	Medium Voltage Power Cables

Article	Standard Number	Standard Title	
	-	UL 1569, fifth edition	Metal-Clad Cables
320	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
322	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
324	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
330	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
332	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable	
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
334	UL 719, thirteenth edition	Nonmetallic-Sheathed Cables	
	-	UL 2256, first edition	Nonmetallic Sheathed Cable Interconnects
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
335	UL 2250, third edition	Instrumentation Tray Cable	
336	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members

Article	Standard Number	Standard Title	
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
337	UL 1309A, first edition	Cable for Use in Mobile Installations	
338	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 854, twelfth edition	Service-Entrance Cables
340	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
342	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
344	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
348	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
350	UL 360, seventh edition	Liquid-Tight Flexible Steel Conduit	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
352	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings	
353	UL 651A, sixth edition	High Density Polyethylene (HDPE) Conduit	
354	UL 1990, fourth edition	Nonmetallic Underground HDPE Conduit with Conductors	
355	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings	
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
	-	UL 2515A, first edition	Supplemental Requirements for Extra-Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
356	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
358	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
360	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1652, third edition	Flexible Metallic Tubing
362	UL 1653, third edition	Electrical Nonmetallic Tubing	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
366	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
368	UL 509, second edition	Bus Drop Cable	
370	ANSI/CSA C22.2 No. 273	Cablebus	
371	UL 1386, first edition	Flexible Bus Systems	
	-	UL 1387, first edition	Flexible Insulated Bus
374	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings	
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
376	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
	-	UL 1953, seventh edition	Power Distribution Blocks
378	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
382	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	

Article	Standard Number	Standard Title	
	-	UL183, fourth edition	Manufactured Wiring Systems
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
-		UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 498M, first edition	Marine Shore Power Inlets
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 991, third edition	Tests for Safety-Related Controls Employing Solid-State Devices
	-	UL 1077, seventh edition	Supplementary Protectors for Use in Electrical Equipment
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1998, third edition	Software in Programmable Components
384	UL 5B, second edition	Strut-Type Channel Raceways and Fittings	
386	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
388	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	
392	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations	
393	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1310, seventh edition	Class 2 Power Units

Article	Standard Number	Standard Title	
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 2577, first edition	Suspended Ceiling Power Grid Systems and Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
396	UL 1072, fourth edition	Medium-Voltage Power Cables	
404	ANSI/NEMA WD 6–2016	Wiring Devices — Dimensional Specifications	
	-	UL 20, fourteenth edition	General-Use Snap Switches
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 98A, second edition	Open-Type Switches
	-	UL 363, eleventh edition	Knife Switches
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 773, fifth edition	Plug-In Locking Type Photocontrols for Use with Area Lighting
	-	UL 773A, sixth edition	Nonindustrial Photoelectric Switches for Lighting Control
	-	UL 917, fifth edition	Clock-Operated Switches
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1472, second edition	Solid-State Dimming Controls
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-7, third edition	Automatic Electrical Controls — Part 2–7: Particular Requirements for Timers and Time Switches
406	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection

Article	Standard Number	Standard Title		
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts	
	-	UL 498M, first edition	Marine Shore Power Inlets	
	-	UL 514A, eleventh edition	Metallic Outlet Boxes	
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers	
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters	
	-	UL 943B, third edition	Appliance Leakage-Current Interrupters	
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters	
	-	UL 970, first edition	Retail Fixtures and Merchandise Displays	
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
	-	UL 1286, sixth edition	Office Furnishings Systems	
	-	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1682, fifth edition	Plugs, Receptacles, and Cable Connectors, of the Pin and Sleeve Type	
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors	
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters	
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters	
	-	-	-	See 406.4(D)(4)(1)
	-	UL 2999, first edition	Individual Commercial Office Furnishings	
408	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables		
	-	UL 67, thirteenth edition	Panelboards	
	-	UL 891, twelfth edition	Switchboards	
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear	
409	UL 508, eighteenth edition	Industrial Control Equipment		
	-	UL 508A, third edition	Industrial Control Panels	
410	ANSI/CSA-C22.2 No. 184.2	Solid-State Controls for Lighting Systems (SSCLS)		

Article	Standard Number	Standard Title	
	-	UL 153, thirteenth edition	Portable Electric Luminaires
	-	UL 496, fourteenth edition	Lampholders
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	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 542, ninth edition	Fluorescent Lamp Starters
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
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	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1029A, first edition	Ignitors and Related Auxiliaries for HID Lamp Ballasts
	-	UL 1574, third edition	Track Lighting Systems
	-	UL 1598, fifth edition	Luminaires
	-	UL 1598B, first edition	Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires, Supplemental Requirements
	-	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
	-	UL 1993, sixth edition	Self-Ballasted Lamps and Lamp Adapters
	-	UL 2388, second edition	Flexible Lighting Products
	-	UL 8750, second edition	Light Emitting Diode (LED) Equipment for Use in Lighting Products
	-	UL 8752, second edition	Organic Light Emitting Diode (OLED) Panels
	-	UL 8753, second edition	Field-Replaceable Light Emitting Diode (LED) Light Engines
	-	UL 8754, second edition	Holders, Bases and Connectors for Solid-State (LED) Light Engines and Arrays
	-	UL 8800, first edition	Horticultural Lighting Equipment and Systems

Article	Standard Number	Standard Title	
	-	UL 8802, first edition	Ultraviolet (UV) Germicidal Equipment and Systems
	-	UL 8803, first edition	Portable UV Germicidal Equipment With Uncontained UV Sources
411	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1838, third edition	Low-Voltage Landscape Lighting Systems
	-	UL 2108, second edition	Low-Voltage Lighting Systems
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
422	ANSI/CSA-C22.2 No. 339	Hand-held motor-operated electric tools — Safety — Particular requirements for chain beam saws	
	-	UL 22, sixth edition	Amusement and Gaming Machines
	-	UL 73, tenth edition	Motor-Operated Appliances
	-	UL 82, ninth edition	Electric Gardening Appliances
	-	UL 122, fifth edition	Photographic Equipment
	-	UL 141, ninth edition	Garment Finishing Appliances
	-	UL 174, eleventh edition	Household Electric Storage Tank Water Heaters
	-	UL 197, tenth edition	Commercial Electric Cooking Appliances
	-	UL 283, third edition	Air Fresheners and Deodorizers
	-	UL 325, seventh edition	Door, Drapery, Gate, Louver, and Window Operators and Systems
	-	UL 399, eighth edition	Drinking Water Coolers
	-	UL 430, eighth edition	Waste Disposers
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 499, fourteenth edition	Electric Heating Appliances
	-	UL 507, tenth edition	Electric Fans
	-	UL 514A, eleventh edition	Metallic Outlet Boxes

Article	Standard Number	Standard Title	
	-	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications
	-	UL 561, seventh edition	Floor Finishing Machines
	-	UL 574, eighth edition	Electric Oil Heaters
	-	UL 621, seventh edition	Ice Cream Makers
	-	UL 705, seventh edition	Power Ventilators
	-	UL 710B, second edition	Recirculating Systems
	-	UL 749, twelfth edition	Household Dishwashers
	-	UL 751, ninth edition	Vending Machines
	-	UL 763, fifth edition	Motor-Operated Commercial Food Preparing Machines
	-	UL 778, sixth edition	Motor-Operated Water Pumps
	-	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
	-	UL 858, sixteenth edition	Household Electric Ranges
	-	UL 859, eleventh edition	Household Electric Personal Grooming Appliances
	-	UL 875, tenth edition	Electric Dry-Bath Heaters
	-	UL 921, eighth edition	Commercial Dishwashers
	-	UL 923, seventh edition	Microwave Cooking Appliances
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 962, fifth edition	Household and Commercial Furnishings
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 979, second edition	Water Treatment Appliances
	-	UL 982, eighth edition	Motor-Operated Household Food Preparing Machines
	-	UL 987, eighth edition	Stationary and Fixed Electric Tools
	-	UL 1017, tenth edition	Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines
	-	UL 1026, sixth edition	Household Electric Cooking and Food Serving Appliances
	-	UL 1086, sixth edition	Household Trash Compactors
	-	UL 1090, seventh edition	Electric Snow Movers
	-	UL 1206, fourth edition	Electric Commercial Clothes-Washing Equipment

Article	Standard Number	Standard Title	
	-	UL 1240, fourth edition	Electric Commercial Clothes-Drying Equipment
	-	UL 1278, fourth edition	Movable and Wall- or Ceiling-Hung Electric Room Heaters
	-	UL 1447, sixth edition	Electric Lawn Mowers
	-	UL 1450, fourth edition	Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment
	-	UL 1453, sixth edition	Electric Booster and Commercial Storage Tank Water Heaters
	-	UL 1576, second edition	Flashlights and Lanterns
	-	UL 1594, fourth edition	Sewing and Cutting Machines
	-	UL 1647, sixth edition	Motor-Operated Massage and Exercise Machines
	-	UL 1727, fifth edition	Commercial Electric Personal Grooming Appliances
	-	UL 1776, third edition	High-Pressure Cleaning Machines
	-	UL 2157, fourth edition	Electric Clothes Washing Machines and Extractors
	-	UL 2158, sixth edition	Electric Clothes Dryers
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 60335-2-3, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-3: Particular Requirements for Electric Irons
	-	UL 60335-2-8, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-8: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances
	-	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances, and Ice-Makers
-		UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60335-2-67, second edition	Household and Similar Electrical Appliances — Safety — Part 2-67: Particular Requirements for Floor Treatment Machines, For Commercial Use
	-	UL 60335-2-68, first edition	Household and Similar Electrical Appliances — Safety — Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use
	-	UL 60335-2-79, first edition	Household and Similar Electrical Appliances — Safety — Part 2-79: Particular Requirements for High Pressure Cleaners and Steam Cleaners

Article	Standard Number	Standard Title	
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
	-	UL 60745-1, fourth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 1: General Requirements
	-	UL 60745-2-1, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-1: Particular Requirements for Drills and Impact Drills
	-	UL 60745-2-2, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches
	-	UL 60745-2-3, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-3: Particular Requirements for Grinders, Polishers, and Disk-Type Sanders
	-	UL 60745-2-4, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type
	-	UL 60745-2-5, fifth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-5: Particular Requirements for Circular Saws
	-	UL 60745-2-6, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-6: Particular Requirements for Hammers
	-	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements for Shears and Nibblers
	-	UL 60745-2-9, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-9: Particular Requirements for Tappers
	-	UL 60745-2-11, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-11: Particular Requirements for Reciprocating Saws
	-	UL 60745-2-12, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-12: Particular Requirements For Concrete Vibrators
	-	UL 60745-2-13, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-13: Particular Requirements For Chain Saws
	-	UL 60745-2-14, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-14: Particular Requirements for Planers
	-	UL 60745-2-15, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-15: Particular Requirements for Hedge Trimmers
	-	UL 60745-2-16, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-16: Particular Requirements for Tackers
	-	UL 60745-2-17, third edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-17: Particular Requirements for Routers and Trimmers
	-	UL 60745-2-18, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-18: Particular

Article	Standard Number	Standard Title	
			Requirements For Strapping Tools
	-	UL 60745-2-19, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-19: Particular Requirements for Jointers
	-	UL 60745-2-20, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-20: Particular Requirements for Band Saws
	-	UL 60745-2-21, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-21: Particular Requirements For Drain Cleaners
	-	UL 60745-2-22, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-22: Particular Requirements for Cut-Off Machines
	-	UL 60745-2-23, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-23: Particular Requirements for Die Grinders and Small Rotary Tools
	-	UL 62841-1, first edition	Electric Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
-		UL 62841-2-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	-	UL 62841-2-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-2: Particular Requirements For Hand-Held Screwdrivers And Impact Wrenches
	-	UL 62841-2-3, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Disk-Type Polishers, and Disk-Type Sanders
	-	UL 62841-2-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	-	UL 62841-2-5, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	-	UL 62841-2-8, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	-	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders

Article	Standard Number	Standard Title	
	-	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	-	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	-	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	-	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	-	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	-	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	-	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
	-	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	-	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws
	-	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10: Particular Requirements for Transportable Cut-Off Machines
	-	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular Requirements for Transportable Threading Machines
	-	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13:

Article	Standard Number	Standard Title	
			Particular Requirements For Transportable Drills
	-	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular Requirements for Transportable Drain Cleaners
	-	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	-	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	-	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	-	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
424	UL 499, fourteenth edition	Electric Heating Appliances	
	-	UL 1042, fifth edition	Electric Baseboard Heating Equipment
	-	UL 1673, third edition	Electric Space Heating Cables
	-	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	-	UL 1995, fifth edition	Heating and Cooling Equipment
	-	UL 1996, fourth edition	Electric Duct Heaters
	-	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
	-	UL 2683, first edition	Electric Heating Products for Floor and Ceiling Installation
425	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
426	IEEE 515	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications	
	-	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units

Article	Standard Number	Standard Title	
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
427	IEEE 515-2017	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications	
	-	UL 515, second edition	Electrical Resistance Trace Heat for Commercial Applications
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 4, fifteenth edition	Armored Cable	
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 705, seventh edition	Power Ventilators
	-	UL 745-1, second edition	Portable Electric Tools
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 987, eighth edition	Stationary and Fixed Electric Tools
	-	UL 1004-1, second edition	Rotating Electrical Machines — General Requirements
	-	UL 1004-2, second edition	Impedance Protected Motors
	-	UL 1004-3, second edition	Thermally Protected Motors
	-	UL 1004-6, second edition	Servo and Stepper Motors
	-	UL 1004-7, third edition	Electronically Protected Motors
	-	UL 1004-8, second edition	Inverter Duty Motors
	-	UL 1004-9, first edition	Form Wound and Medium Voltage Rotating Electrical Machines
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1569, fifth edition	Metal Clad Cables
	-	UL 1812, fourth edition	Ducted Heat Recovery Ventilators
	-	UL 1815, fifth edition	Nonducted Heat Recovery Ventilators

Article	Standard Number	Standard Title	
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 60034-1, third edition	Rotating Electrical Machines — Part 1: Rating and Performance
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60730-2-22, first edition	Automatic Electrical Controls — Part 2-22: Particular Requirements for Thermal Motor Protectors
	-	UL 60745-1, fourth edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
	-	UL 60745-2-1, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	-	UL 60745-2-2, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-2: Particular Requirements For Screwdrivers And Impact Wrenches
	-	UL 60745-2-3, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Polishers, and Disk-Type Sanders
	-	UL 60745-2-4, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	-	UL 60745-2-5, fifth edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	-	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	-	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	-	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	-	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	-	UL 60947-5-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-1: Control Circuit Devices and Switching Elements — Electromechanical Control Circuit Devices
	-	UL 60947-5-2, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-2: Control Circuit Devices and

Article	Standard Number	Standard Title	
			Switching Elements — Proximity Switches
-		UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	-	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders
	-	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	-	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	-	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	-	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	-	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	-	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	-	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
	-	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	-	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws
	-	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10:

Article	Standard Number	Standard Title	
			Particular requirements for Transportable Cut-Off Machines
	-	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular requirements for Transportable Threading Machines
	-	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13: Particular Requirements For Transportable Drills
	-	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular requirements for Transportable Drain Cleaners
	-	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	-	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	-	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	-	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
440	UL 98, fourteenth edition	Enclosed and Dead-Front Switches	
	-	UL 416, fourth edition	Refrigerated Medical Equipment
	-	UL 484, ninth edition	Room Air Conditioners
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 541, ninth edition	Refrigerated Vending Machines
	-	UL 563, eighth edition	Ice Makers
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1995, fifth edition	Heating and Cooling Equipment

Article	Standard Number	Standard Title	
	-	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60335-2-89, second edition	Household and Similar Electrical Appliances — Safety — Part 2-89: Particular Requirements for Commercial Refrigerating Appliances and Ice Makers with an Incorporated or Remote Refrigerant Unit or Compressor
	-	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	-	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	-	UL 61800-5-2, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-2: Safety Requirements — Functional
445	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
450	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 305, sixth edition	Panic Hardware
	-	UL 340, sixth edition	Tests for Comparative Flammability of Liquids
	-	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
480	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 305, sixth edition	Panic Hardware

Article	Standard Number	Standard Title	
	-	UL 1642, sixth edition	Lithium Batteries
	-	UL 1973, third edition	Batteries for Use in Stationary and Motive Auxiliary Power Applications
	-	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	-	UL 2054, third edition	Household and Commercial Batteries
	-	UL 4127, second edition	Low Voltage Battery Cable
	-	UL 4128, fifth edition	Intercell and Intertier Connectors for use in Electrochemical Battery System Applications
495	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers	
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	-	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15kV
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
500	FM 121303	Guide for Use of Detectors for Flammable Gases	
	-	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified)
	-	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations

Article	Standard Number	Standard Title	
	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation.
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	-	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
501	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment

Article	Standard Number	Standard Title	
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1072, fourth edition	Medium-Voltage Power Cables
	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
	-	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
502	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures —	

Article	Standard Number	Standard Title	
		General, Testing, Marking, and Documentation Requirements	
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
503	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations

Article	Standard Number	Standard Title	
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
504	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations	
	-	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations
	-	UL 120202, first edition	Recommendations for the Preparation, Content, and Organization of Intrinsic Safety Control Drawings
505	FM 121303	Guide for Use of Detectors for Flammable Gases	
	-	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	-	UL 60079-1, seventh edition	Explosive Atmospheres — Part 1: Equipment Protection by Flameproof Enclosures “d”
	-	UL 60079-2, sixth edition	Explosive Atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-5, fourth edition	Explosive Atmospheres — Part 5: Type of Equipment Protectionby Powder Filling
	-	UL 60079-6, fourth edition	Explosive Atmospheres — Part 6: Equipment Protection by Liquid Immersion “o”
	-	UL 60079-7, fifth edition	Explosive Atmospheres — Part 7: Equipment Protection by Increased Safety “e”
	-	UL 60079-10-1, first edition	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive Gas Atmospheres
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety “i”

Article	Standard Number	Standard Title	
	-	UL 60079-13, second edition	Explosive Atmospheres — Part 13: Equipment Protection by Pressurized Room “p” and Artificially Ventilated Room “v”
	-	UL 60079-15, fifth edition	Explosive Atmospheres — Part 15: Equipment Protection by Type of Protection “n”
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	-	UL 60079-26, third edition	Explosive Atmospheres — Part 26: Equipment with Equipment Protection Level (EPL) Ga
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b”, Liquid Immersion “k”
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
506	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and	

Article	Standard Number	Standard Title	
		Documentation Requirements	
	-	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	-	UL 60079-2, sixth edition	Explosive atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety "i"
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-31, second edition	Explosive Atmospheres — Part 31: Equipment Dust Ignition Protection by Enclosure “t”
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 62784, first edition	Vacuum Cleaners and Dust Extractors Providing Equipment Protection Level Dc for the Collection of Combustible Dusts — Particular Requirements
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b“, Liquid Immersion “k”
512	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations	

Article	Standard Number	Standard Title	
516	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials	
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
517	AAMI ES 60601-1	Medical electrical equipment — Part 1: General requirements for basic safety and essential performance	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1022, fifth edition	Line Isolation Monitors
	-	UL 1047, sixth edition	Isolated Power Systems Equipment
	-	UL 1286, sixth edition	Office Furnishing Systems
	-	UL 2930, first edition	Cord-and-Plug-connected Health Care Facility Outlet Assemblies
	-	UL 60601-1, first edition	Medical Electrical Equipment — Part 1: General Requirements for Safety
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
518	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts

Article	Standard Number	Standard Title	
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 2305, first edition	Exhibition Display Units, Fabrication and Installation
520	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 334, second edition	Theater Lighting Distribution and Control Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 891, twelfth edition	Switchboards
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
522	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 2250, third edition	Instrumentation Tray Cable
525	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
530	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1479-2-15, fourth edition	Fire Tests of Penetration Firestops
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1680, second edition	Stage and Lighting Cables
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors

Article	Standard Number	Standard Title	
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
540	UL 67, thirteenth edition	Panelboards	
	-	UL 943, fifth edition	Ground-Fault Circuit Interrupters
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
545	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 20, fourteenth edition	General Use Snap Switches
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
547	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 62, twentieth edition	Flexible Cords and Cables

Article	Standard Number	Standard Title	
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1598, fifth edition	Luminaires
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
550	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 307A, ninth edition	Liquid Fuel-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	-	UL 307B, fifth edition	Gas-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low-Voltage Lighting Systems
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
551	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1598, fifth edition	Luminaires

Article	Standard Number	Standard Title	
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2299, first edition	Ground Monitor Interrupters
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
552	SAE J1128-2015	Low Voltage Primary Cable, for Types GXL, HDT, and SXL	
	-	SAE J1127-2015	Low Voltage Battery Cable, for Types SGT and SGR
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for Use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 430, eighth edition	Waste Disposers
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 916, fifth edition	Energy Management Equipment

Article	Standard Number	Standard Title	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low Voltage Lighting Systems
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
555	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 231, tenth edition	Power Outlets
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1399, first edition	Leakage Current Measurement Devices for Use in Marina Applications
	-	UL 1650, first edition	Portable Power Cable
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
590	UL 496, fourteenth edition	Lampholders	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1088, seventh edition	Temporary Lighting Strings
	-	UL 1377, first edition	Wire used in Low Voltage Seasonal Lighting Products In Circuits With a

Article	Standard Number	Standard Title	
			Maximum Available Power of 15W
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
600	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 13, fourth edition	Power-Limited Circuit Cables
	-	UL 48, fifteenth edition	Electric Signs
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 814, twelfth edition	Gas-Tube-Sign Cable
	-	UL 879, ninth edition	Electric Sign Components
	-	UL 879A, first edition	LED Sign and Sign Retrofit Kits
	-	UL 879B, first edition	Polymeric Enclosure Systems for the Splice Between Neon Tubing Electrode Leads and GTO Cable, and the GTO Cable Leading to the Splice
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2161, second edition	Neon Transformers and Power Supplies
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground

Article	Standard Number	Standard Title	
			Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 3703, first edition	Solar Trackers
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements For Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements For Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: Particular Requirements for Inverters
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
604	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 183, fourth edition	Manufactured Wiring Systems
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit

Article	Standard Number	Standard Title	
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 857, thirteenth edition	Busways
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
605	UL 962, fifth edition	Household and Commercial Furnishings	
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 1286, sixth edition	Office Furnishings Systems
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 2999, first edition	Individual Commercial Office Furnishings
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
610	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 2273, second edition	Festoon Cable
620	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 104, twelfth edition	Elevator Door Locking Devices and Contacts
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-

Article	Standard Number	Standard Title	
			Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
624	UL 9741A	Onboard Electric Vehicle Power Export and Import Equipment	
625	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2202, third edition	DC Charging Equipment for Electric Vehicles
	-	UL 2231-1, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 1: General Requirements
	-	UL 2231-2, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 2: Particular Requirements for Protection Devices for Use in Charging Systems
	-	UL 2251-, fourth edition	Plugs, Receptacles and Couplers for Electrical Vehicles
	-	UL 2580, third edition	Batteries for Use in Electric Vehicles
	-	UL 2594, third edition	Electric Vehicle Supply Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
626	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 231, tenth edition	Power Outlets
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1651, fourth edition	Optical Fiber Cable

Article	Standard Number	Standard Title	
	-	UL 1686, fifth edition	Pin and Sleeve Configurations
630	UL 551, eighth edition	Transformer-Type Arc-Welding Machines	
640	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 813, seventh edition	Commercial Audio Equipment
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1419, fourth edition	Professional Video and Audio Equipment
	-	UL 1492, second edition	Audio-Video Products and Accessories
	-	UL 1711, fourth edition	Amplifiers for Fire Protective Signaling Systems
	-	UL 2269, fourth edition	Optical Fiber/Communications/Signaling/Coaxial Cable Outlet Boxes
	-	UL 6500, second edition	Audio/Video and Musical Instrument Apparatus for Household, Commercial, and Similar General Use
	-	UL 60065, eighth edition	Audio, Video and Similar Electronic Apparatus — Safety Requirements
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
645	UL 38, eighth edition	Manual Signaling Boxes for Fire Alarm Systems	
	-	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems
	-	UL 444, fifth edition	Communications Cables
	-	UL 464, eleventh edition	Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire Alarm Circuits
	-	UL 833, first edition	Control Units and Accessories for Fire Alarm Systems
	-	UL 864, eleventh edition	Control Units and Accessories for Fire Alarm Systems
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1425, third edition	Cables for Non-Power-Limited Fire-Alarm Circuits
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories

Article	Standard Number	Standard Title	
	-	UL 1638, sixth edition	Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1690, fourth edition	Data-Processing Cable
-		UL 1778, fifth edition	Uninterruptible Power Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 60950-1, second edition	Information Technology Equipment — Safety — Part 1: General Requirements
	-	UL 60950-21, first edition	Information Technology Equipment — Safety — Part 21: Remote Power Feeding
	-	UL 60950-22, second edition	Information Technology Equipment — Safety — Part 22: Equipment to be Installed Outdoors
	-	UL 60950-23, first edition	Information Technology Equipment — Safety — Part 23: Large Data Storage Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
646	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 305, sixth edition	Panic Hardware
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 869A, fourth edition	Reference Standard for Service Equipment
	-	UL 891, twelfth edition	Switchboards

Article	Standard Number	Standard Title	
	-	UL 924, tenth edition	Emergency Lighting and Power Equipment
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1062, third edition	Unit Substations
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1655, second edition	Community-Antenna Television Cables
	-	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	-	UL 2755, second edition	Modular Data Centers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
647	UL 1598, fifth edition	Luminaires	
650	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
670	ANSI/CSA-C22.2 No. 19085-1	Woodworking machines — Safety — Part 1: Common requirements	
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
675	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	

Article	Standard Number	Standard Title	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
680	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 20, fourteenth edition	General Use Snap-Switches
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 379, first edition	Power Units for Fountain, Swimming Pool, and Spa Luminaires
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 676A, third edition	Potting Compounds for Swimming Pool, Fountain, and Spa Equipment
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1004-10, first edition	Pool Pump Motors
	-	UL 1081, seventh edition	Swimming Pool Pumps, Filters, and Chlorinators
	-	UL 1241, seventh edition	Junction Boxes for Swimming Pool Luminaires
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1261, sixth edition	Electric Water Heaters for Pools and Tubs
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1795, fifth edition	Hydromassage Bathtubs
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
	-	UL 2452, first edition	Electric Swimming Pool and Spa Cover Operators
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2995, first edition	Lifts for Swimming Pools and Spas
	-	UL 60335-2-1000, first edition	Household and Similar Electrical Appliances: Particular Requirements for Electrically Powered Pool Lifts
682	UL 486D, seventh edition	Sealed Wire Connector Systems	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1838, third edition	Low Voltage Landscape Lighting Systems
690	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems	
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1703, third edition	Flat-Plate Photovoltaic Modules and Panels
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables

Article	Standard Number	Standard Title	
	-	UL 3703, first edition	Solar Trackers
	-	UL 3730, first edition	Photovoltaic Junction Boxes
	-	UL 3741, first edition	Photovoltaic Hazard Control
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	-	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements for Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements for Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
692	UL 2262, second edition	Fuel Cell Modules for Use in Portable and Stationary Equipment	
	-	UL 2262A, second edition	Borohydride Fuel Cartridges with Integral Fuel Processing for Use with Portable Fuel Cell Power Systems or Similar Equipment
	-	UL 2265, first edition	Fuel Cell Power Units and Fuel Storage Containers for Portable Devices
	-	UL 2265C, first edition	Hand-Held or Hand-Transportable Alkaline (Direct Borohydride) Fuel Cell Power Units and Borohydride Fuel Cartridges For Use With Consumer Electronics or Information Technology Equipment
	-	UL 2266, first edition	Electromagnetic Compatibility, Electrical Safety, and Physical Protection of Stationary and Portable Fuel Cell Power Systems for Use with Commercial Network Telecommunications Equipment

Article	Standard Number	Standard Title	
	-	UL 2267, third edition	Fuel Cell Power Systems for Installation in Industrial Electric Trucks
694	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 489C, first edition	Molded-Case Circuit Breakers and Molded-Case Switches for Use with Wind Turbines
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2277, fifth edition	Flexible Motor Supply Cable and Wind Turbine Tray Cable
	-	UL 2736, first edition	Single Pole Separable Interconnecting Cable Connectors for Use with Wind Turbine Generating Systems
	-	UL 4143, first edition	Wind Turbine Generator — Life Time Extension (LTE)
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
695	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 218, third edition	Fire Pump Controllers
	-	UL 448, twelfth edition	Centrifugal Stationary Pumps for Fire-Protection Service
	-	UL 448B, second edition	Residential Fire Pumps Intended for One- and Two-Family Dwellings and Manufactured Homes
	-	UL 448C, second edition	Stationary, Rotary-Type, Positive-Displacement Pumps for Fire Protection Service
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1004-5, second edition	Fire Pump Motors
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

Article	Standard Number	Standard Title	
700	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
701	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
702	UL 98, fourteenth edition	Enclosed and Dead-Front Switches	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
705	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2200, third edition	Stationary Engine Generator Assemblies

Article	Standard Number	Standard Title	
	-	UL 3001, first edition	Distributed Energy ~~Generation and Storage~~ Resource Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
706	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses	
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 489H, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures, for Use with Direct Current (DC) Microgrids
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures

Article	Standard Number	Standard Title	
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 9540, third edition	Energy Storage Systems and Equipment
708	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
710	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources	
	-	UL 2200, third edition	Stationary Engine Generator Assemblies -
	UL 3001, first edition	Distributed Energy Resource Systems	
	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems	
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 62109-1, first edition	Power Converters for use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters

Article	Standard Number	Standard Title	
722	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 444, fifth edition	Communications Cables
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2044, fourth edition	Commercial Closed-Circuit Television Equipment
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
725	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 9990, first edition	Information and Communication Technology (ICT) Power Cables
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 61010-2-201, second edition	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-201: Particular Requirements for Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
726	UL 1400-1, first edition	Fault-Managed Power Systems — 1 General Requirements	
	-	UL 1400-2, first edition	Fault-Managed Power Systems — 2 Requirements for Cables
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods

Article	Standard Number	Standard Title	
728	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 568, first edition	Nonmetallic Cable Tray Systems
	-	UL 884, thirteenth edition	Underfloor Raceways and Fittings
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
750	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	-	UL 497A, third edition	Secondary Protectors for Communication Circuits
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire-Alarm Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
760	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems	
	-	UL 268A, fourth edition	Smoke Detectors for Duct Application
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 497B, fourth edition	Protectors for Data Communication and Fire Alarm Circuits
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1425, third edition	Cables for Non–Power-Limited Fire-Alarm Circuits

Article	Standard Number	Standard Title	
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
800	UL 444, fifth edition	Communications Cables	
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 489A, first edition	Circuit Breakers for Use in Communication Equipment
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 498A, second edition	Current Taps and Adapters
	-	UL 523, second edition	Telephone Service Drop Wire
	-	UL 568, first edition	Nonmetallic Cable Tray Systems
	-	UL 723, eleventh edition	Test for Surface Burning Characteristics of Building Materials
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 1863, fourth edition	Communication-Circuit Accessories
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces

Article	Standard Number	Standard Title	
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 60950-1, second edition	Information Technology Equipment
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
810	UL 150, fourth edition	Antenna Rotators	
	-	UL 452, seventh edition	Antenna-Discharge Units
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
820	UL 444, fifth edition	Communications Cables	
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 1655, second edition	Community-Antenna Television Cables
830	UL 444, fifth edition	Communications Cables	
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
Tables 11(A) and 11(B)	UL 1310, seventh edition	Class 2 Power Units	
	UL 1434, first edition	Thermistor-Type Devices	
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers	
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements	

Article	Standard Number	Standard Title
Tables 12(A) and 12(B)	UL 1310, seventh edition	Class 2 Power Units
	UL 1434, first edition	Thermistor-Type Devices
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements

Table A.1(3) Product Safety Standards for Conductors and Equipment That Do Not Have an Associated Listing Requirement and Other Referenced Publications

Article	Standard Number	Standard Title	
110	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
	-	UL 969, fifth edition	Marking and Labeling Systems
	-	UL 9691, first edition	Recommended Practice for Nameplates for Use in Electrical Installations
210	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
215	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
240	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
245	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	NEMA C37.54	NEMA Standard Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
265	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel

Article	Standard Number	Standard Title	
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
300	UL 635, third edition	Insulating Bushings	
314	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
320	UL 514A, eleventh edition	Metallic Outlet Boxes	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
322	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
324	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
330	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
332	UL 1565, sixth edition	Positioning Devices	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
334	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel

Article	Standard Number	Standard Title	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
335	UL 2250, third edition	Instrumentation Tray Cable	
337	UL 1565, sixth edition	Positioning Devices	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
340	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	
342	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
344	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
348	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
350	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
352	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
353	UL 635, third edition	Insulating Bushings	
355	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable

Article	Standard Number	Standard Title	
356	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
358	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
362	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
368	UL 857, thirteenth edition	Busways	
392	UL 568, first edition	Nonmetallic Cable Tray Systems	
400	NEMA WC 58-2017	Portable and Power Feeder Cables for Use in Mines and Similar Applications	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1680, second edition	Stage and Lighting Cables
	-	UL 2263, first edition	Electric Vehicle Cable
402	UL 66, third edition	Fixture Wire	
408	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
409	UL 1436, sixth edition	Outlet Circuit Testers and Other Similar Indicating Devices	
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-30: Particular Requirements for Testing and Measuring Circuits
424	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
	-	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	-	UL 1995, fifth edition	Heating and Cooling Equipment

Article	Standard Number	Standard Title	
	-	UL 1996, fourth edition	Electric Duct Heaters
	-	UL 60335-1, sixth edition	Safety of Household and Similar Electrical Appliances, Part 1: General Requirements
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2–40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
425	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
426	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units	
427	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications	
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 248-13, third edition	Low Voltage Fuses — Part 13: Semiconductor Fuses	
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
445	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
-	-	-	
450	IEEE C57.12.00	IEEE Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers	
	-	IEEE C57.12.28	IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity
	-	IEEE C57.12.29	IEEE C57.12.29 IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity for Coastal Environments
	-	IEEE C57.16	IEEE Standard for Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses

Article	Standard Number	Standard Title	
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 1561, fourth edition	Dry-Type General Purpose and Power Transformers
	-	UL 1562, fourth edition	Transformers, Distribution, Dry-Type Over 600 Volts
	-	UL 5085, second edition	Low Voltage Transformers — Part 2: General Purpose Transformers
460	UL 810, sixth edition	Capacitors	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
	-	UL 60384-14, second edition	Fixed Capacitors for Use in Electronic Equipment — Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains
470	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
495	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.20.2	IEEE Standard for Metal-Clad Switchgear
	-	IEEE C37.20.3	IEEE Standard for Metal-Enclosed Interrupter Switchgear (1 kV–38 kV)
	-	IEEE C37.20.4	IEEE Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear
	-	IEEE C37.20.6	IEEE Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in Enclosures
	-	IEEE C37.20.9	IEEE Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems
	-	IEEE C37.23	IEEE Standard for Metal-Enclosed Bus
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.59	IEEE Standard for Requirements for Conversion of Power Switchgear Equipment

Article	Standard Number	Standard Title	
	-	IEEE C37.60	IEEE International Standard — High-voltage switchgear and controlgear — Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV
	-	IEEE C37.74	IEEE Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV
	-	NEMA C37.54	American National Standard for Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
	-	NEMA C37.55	American National Standard for Switchgear — Medium Voltage Metal-Clad Assemblies — Conformance Test Procedures
	-	NEMA C37.57	American National Standard for Switchgear — Metal-Enclosed Interrupter Switchgear Assemblies — Conformance Testing
	-	NEMA C37.58	American National Standard for Switchgear — Indoor AC Medium Voltage Switches for Use in Metal-Enclosed Switchgear — Conformance Test Procedures
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	-	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15KV
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 2748, first edition	Arcing Fault Quenching Equipment
	-	UL 2877, fourth edition	Power Supplies, Medium Voltage
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
500	ANSI/IEEE C2	National Electrical Safety Code, Section 127A, Coal Handling Areas	
	-	ANSI/UL 121203	Recommended Practice for Portable/Personal Electronic Products Suitable for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2, Class III, Division 1, Class III, Division 2, Zone 21 and Zone 22 Hazardous (Classified) Locations
	-	API RP 14F	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Division 1 and Division 2 Locations
	-	API RP 500	Recommended Practice for Classification of Locations of Electrical Installations at

Article	Standard Number	Standard Title	
			Petroleum Facilities Classified as Class I, Division 1 and Division 2
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASHRAE 15	Safety Standard for Refrigeration Systems.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	IEEE 844.2	Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	IEEE/IEC International Standard for Explosive atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation, and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	-	ISA-12.10	Area Classification in Hazardous (Classified) Dust Locations
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 32-2021	Standard for Drycleaning Facilities
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 35-2021	Standard for the Manufacture of Organic Coatings
	-	NFPA 36-2025	Standard for Solvent Extraction Plants
	-	NFPA 45-2024	Standard on Fire Protection for Laboratories Using Chemicals
	-	NFPA 55-2026	Compressed Gases and Cryogenic Fluids Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and

Article	Standard Number	Standard Title	
			of Hazardous (Classified) Locations for Electrical Installation in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	-	NFPA 820-2024	Standard for Fire Protection in Wastewater Treatment and Collection Facilities
	-	UL 60079-29-2, second edition	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	-	UL 120002, second edition	Recommended Practice for Certificates for Equipment for Hazardous (Classified) Locations
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
-	-	-	
501	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
-	-	-	
503	NFPA 505-2024	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	
504	ISA-RP 12.06.01	Recommended Practice for Wiring Methods for Hazardous (Classified) Locations Instrumentation — Part 1: Intrinsic Safety	
505	ANSI/API RP 14FZ	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Zone 0, Zone 1, and Zone 2 Locations	
	-	API RP 505	Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Zone 0, Zone 1, and Zone 2
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	EI 15	Model Code of Safe Practice, Part 15: Area Classification Code for Installations Handling Flammable Fluids
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation,

Article	Standard Number	Standard Title	
			Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	-	ISA-60079-10-1 (12.24.01)	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive gas atmospheres
	-	ISA-60079-29-2	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	-	UL 80079-20-1, first edition	Explosive Atmospheres — Part 20-1: Material Characteristics for Gas and Vapour Classification — Test Methods and Data
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
506	ASME B1.20.1	Pipe Threads, General Purpose (Inch)	
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance

Article	Standard Number	Standard Title	
	-	ISA-60079-10-2 (12.10.05)	Explosive Atmospheres — Part 10-2: Classification of Areas — Combustible Dust Atmospheres
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
511	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages	
	-	NFPA 88A-2023	Standard for Parking Structures
512	ICC IFC	International Fire Code	
	-	NFPA 1-2023	Fire Code
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 36-2025	Standard for Solvent Extraction Plants
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 70B-2023	Standard for Electrical Equipment Maintenance
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
513	NFPA 30-2024	Flammable and Combustible Liquids Code	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 409-2022	Standard on Aircraft Hangars
514	NFPA 2-2023	Hydrogen Technologies Code	
	-	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages
	-	NFPA 52-2023	Vehicular Natural Gas Fuel Systems Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 303-2026	Fire Protection Standard for Marinas and Boatyards
515	NFPA 30-2024	Flammable and Combustible Liquids Code	
516	NFPA 13-2025	Standard for the Installation of Sprinkler Systems	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 77-2024	Recommended Practice on Static Electricity

Article	Standard Number	Standard Title	
	-	NFPA 91-2026	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids
	-	NFPA 701-2023	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
620	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 66, third edition	Fixture Wire
	-	UL 504, third edition	Mineral-Insulated, Metal Sheathed Cable
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1569, fifth edition	Metal-Clad Cables
625	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
630	UL 1276, third edition	Welding Cable	
650	UL 1651, fourth edition	Optical Fiber Cable	
660	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
668	UL 4, fifteenth edition	Armored Cable	
	-	UL 62, twentieth edition	Flexible Cords and Cables
670	UL 1740, fourth edition	Standard for Robots and Robotic Equipment	
	-	UL 2011, seventh edition	Machinery
	-	UL 3100, first edition	Automated Mobile Platforms (AMPs)
675	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1263, sixth edition	Irrigation Cable
690	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
691	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
692	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire

Article	Standard Number	Standard Title	
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
694	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
700	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits	
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
701	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
	-	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
702	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
705	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
708	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
710	UL 3001, first edition	Distributed Energy Generation and Storage Systems	

Statement of Problem and Substantiation for Public Input

Corrects error in the title of UL 3001 referenced in Article 705.

Adds UL 3001 referenced in Article 710.

Submitter Information Verification

Submitter Full Name: Jason Hopkins
Organization: UL Solutions
Affiliation: UL Solutions
Street Address:
City:
State:
Zip:
Submittal Date: Wed Apr 08 17:26:51 EDT 2026
Committee: NEC-P01

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A.1 Referenced Publications.

Table A.1(1), Table A.1(2), and Table A.1(3) provide a list of publications that are referenced in this code. These references are current at the time of publication. New publications or modifications to existing publications can occur at any time while this edition of the code is in effect.

Table A.1(1) provides a list of NFPA publications referenced in this code. Table A.1(2) provides a list of product safety standards used for product listing where that listing is required by this code. Table A.1(3) provides a list of other publications referenced in this code.

Table A.1(1) NFPA Standards Referenced in NEC

Standard Number	Standard Title	Current Edition	Extract Edition
1	Fire Code	2024	-
2	Hydrogen Technologies Code	2023	-
13	Standard for the Installation of Sprinkler Systems	2025	-
13D	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	2025	-
20	Standard for the Installation of Stationary Pumps for Fire Protection	2025	2025
30	Flammable and Combustible Liquids Code	2024	-
30A	Code for Motor Fuel Dispensing Facilities and Repair Garages	2024	2024
32	Standard for Drycleaning Facilities	2021	-
33	Standard for Spray Application Using Flammable or Combustible Materials	2024	2024
34	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids	2024	2024
35	Standard for the Manufacture of Organic Coatings	2021	-
36	Standard for Solvent Extract Plants	2025	-
37	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines	2024	-
40	Standard for the Storage and Handling of Cellulose Nitrate Film	2025	-
45	Standard on Protection for Laboratories Using Chemicals	2024	-
52	Vehicular Natural Gas Fuel Systems Code	2026	-
54	National Fuel Gas Code	2024	-
55	Compressed Gases and Cryogenic Fluids Code	2026	-
58	Liquified Petroleum Gas Code	2024	-
59	Utility LP-Gas Plant Code	2024	-
70	National Electrical Code®	2026	-
70B	Standard for Electrical Equipment Maintenance	2023	-
70E®	Standard for Electrical Safety in the Workplace®	2024	-
72	National Fire Alarm and Signaling Code®	2025	-
75	Standard for the Fire Protection of Information Technology Equipment	2024	2024
77	Recommended Practice on Static Electricity	2024	-
79	Electrical Standard for Industrial Machinery	2024	2024
80	Standard for Fire Doors and Other Opening Protectives	2025	-
88A	Standard for Parking Structures	2023	-
90A	Standard for the Installation of Air-Conditioning and Ventilating Systems	2024	-
90B	Standard for the Installation of Warm Air Heating and Air-Conditioning Systems	2024	-

Standard Number	Standard Title	Current Edition	Extract Edition
91	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids	2026	-
99	Health Care Facilities Code	2024	2024
101®	Life Safety Code®	2024	2024
110	Standard for Emergency and Standby Power Systems	2025	2025
111	Standard for Stored Electrical Energy Emergency and Standby Power Systems	2025	-
220	Standard on Types of Building Construction	2024	-
262	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces	2023	-
303	Fire Protection Standard for Marinas and Boatyards	2026	2021
307	Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves	2021	2021
409	Standard on Aircraft Hangers	2022	-
496	Standard for Purged and Pressurized Enclosures for Electrical Equipment	2024	-
497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	-
499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas	2024	2024
505	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	2024	-
701	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films	2023	-
730	Guide for Premises Security	2023	-
780	Standard for the Installation of Lightning Protection Systems	2026	-
790	Standard for the Competency of Third-Party Field Evaluation Bodies	2024	2024
820	Standard for Fire Protection in Wastewater Treatment and Collection Facilities	2024	-
853	Standard for the Installation of Stationary Fuel Cell Power Systems	2025	-
855	Standard for the Installation of Stationary Energy Storage Systems	2026	-
1192	Standard on Recreational Vehicles	2026	2021
1660	Standard for Emergency, Continuity, and Crisis Management: Preparedness, Response, and Recovery	2024	-
5000	Building Construction and Safety Code®	2024	-

Table A.1(2) Product Safety Standards for Conductors and Equipment That Have an Associated Listing Requirement

Article	Standard Number	Standard Title
110	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies
	-	UL 305, sixth edition Panic Hardware

Article	Standard Number	Standard Title	
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
130	UL 916, fifth edition	Energy Management Equipment	
	-	UL 3141, first edition	Power Control Systems
210	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground Fault Circuit Interrupters
	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters
225	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
230	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 218, third edition	Fire Pump Controllers
	-	UL 231, tenth edition	Power Outlets
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit

Article	Standard Number	Standard Title	
	-	UL 414, ninth edition	Meter Sockets
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 857, thirteenth edition	Busways
	-	UL 869A, fourth edition	Reference Standard for Service Equipment
	-	UL 891, twelfth edition	Switchboards
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1062, third edition	Unit Substations
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1740, fourth edition	Robots and Robotic Equipment
	-	UL 1953, seventh edition	Power Distribution Blocks

Article	Standard Number	Standard Title	
	-	UL 2011, seventh edition	Machinery
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2416, first edition	Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems
	-	UL 2446, first edition	Unitary Boiler Room Systems
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 2735, first edition	Electric Utility Meters
	-	UL 2745, first edition	Meter Socket Adapters for Communications Equipment
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
	-	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
240	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements	
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 2: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-11, third edition	Low-Voltage Fuses — Part 11: Plug Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses

Article	Standard Number	Standard Title	
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures
	-	UL 489I, second edition	Solid State Molded-Case Circuit Breakers
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 4248-1, third edition	Fuseholders — Part 1: General Requirements
242	UL 1449, fifth edition	Surge Protective Devices	
250	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 153, thirteenth edition	Portable Electric Luminaires
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables

Article	Standard Number	Standard Title	
	-	UL 1652, third edition	Flexible Metallic Tubing
270	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486A-486B, third edition	Wire Connectors
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
300	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 263, fourteenth edition	Fire Tests of Building Construction and Materials
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations

Article	Standard Number	Standard Title	
310	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 83B, first edition	Switchboard and Switchgear Wires and Cables
	-	UL 224, seventh edition	Extruded Insulating Tubing
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 854, twelfth edition	Service-Entrance Cables
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1441, fifth edition	Coated Electrical Sleeving
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
312	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2808, first edition	Energy Monitoring Equipment
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-030: Particular Requirements for Testing and Measuring Circuits
314	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means

Article	Standard Number	Standard Title	
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 1953, seventh edition	Power Distribution Blocks
315	ANSI C119.4	Electric Connectors — Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93ºC and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100ºC	
	-	IEEE 48	IEEE Standard for Test Procedures and Requirements for Alternating-Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV
	-	IEEE 386	IEEE Standard for Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV
	-	IEEE 404	IEEE Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2.5 kV to 500 kV
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
	-	UL 1072, fourth edition	Medium Voltage Power Cables
	-	UL 1569, fifth edition	Metal-Clad Cables
320	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables

Article	Standard Number	Standard Title	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
322	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
324	UL 486A-486B, third edition	Wire Connectors	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
330	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing, and Cable
332	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable	
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
334	UL 719, thirteenth edition	Nonmetallic-Sheathed Cables	
	-	UL 2256, first edition	Nonmetallic Sheathed Cable Interconnects
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
335	UL 2250, third edition	Instrumentation Tray Cable	
336	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members
	-	UL 2225, fifth edition	Cables and Cable-Fittings For Use In Hazardous (Classified) Locations
337	UL 1309A, first edition	Cable for Use in Mobile Installations	
338	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	

Article	Standard Number	Standard Title	
	-	UL 854, twelfth edition	Service-Entrance Cables
340	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
342	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
344	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
348	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
350	UL 360, seventh edition	Liquid-Tight Flexible Steel Conduit	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
352	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings	
353	UL 651A, sixth edition	High Density Polyethylene (HDPE) Conduit	
354	UL 1990, fourth edition	Nonmetallic Underground HDPE Conduit with Conductors	
355	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings	
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra-Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
356	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
358	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	

Article	Standard Number	Standard Title	
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
360	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 1652, third edition	Flexible Metallic Tubing
362	UL 1653, third edition	Electrical Nonmetallic Tubing	
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
366	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
368	UL 509, second edition	Bus Drop Cable	
370	ANSI/CSA C22.2 No. 273	Cablebus	
371	UL 1386, first edition	Flexible Bus Systems	
	-	UL 1387, first edition	Flexible Insulated Bus
374	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings	
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
376	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
	-	UL 1953, seventh edition	Power Distribution Blocks
378	UL 870, ninth edition	Wireways, Auxiliary Gutters, and Associated Fittings	
382	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	
	-	UL183, fourth edition	Manufactured Wiring Systems
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection

Article	Standard Number	Standard Title	
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 498M, first edition	Marine Shore Power Inlets
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 746C, seventh edition	Polymeric Materials — Use in Electrical Equipment Evaluations
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 991, third edition	Tests for Safety-Related Controls Employing Solid-State Devices
	-	UL 1077, seventh edition	Supplementary Protectors for Use in Electrical Equipment
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters
	-	UL 1998, third edition	Software in Programmable Components
384	UL 5B, second edition	Strut-Type Channel Raceways and Fittings	
386	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
388	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings	
392	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations	
393	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 2577, first edition	Suspended Ceiling Power Grid Systems and Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
396	UL 1072, fourth edition	Medium-Voltage Power Cables	

Article	Standard Number	Standard Title	
404	ANSI/NEMA WD 6–2016	Wiring Devices — Dimensional Specifications	
	-	UL 20, fourteenth edition	General-Use Snap Switches
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 98A, second edition	Open-Type Switches
	-	UL 363, eleventh edition	Knife Switches
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 773, fifth edition	Plug-In Locking Type Photocontrols for Use with Area Lighting
	-	UL 773A, sixth edition	Nonindustrial Photoelectric Switches for Lighting Control
	-	UL 917, fifth edition	Clock-Operated Switches
	-	UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1472, second edition	Solid-State Dimming Controls
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-7, third edition	Automatic Electrical Controls — Part 2–7: Particular Requirements for Timers and Time Switches
406	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 498M, first edition	Marine Shore Power Inlets
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters

Article	Standard Number	Standard Title		
	-	UL 943B, third edition	Appliance Leakage-Current Interrupters	
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters	
	-	UL 970, first edition	Retail Fixtures and Merchandise Displays	
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
	-	UL 1286, sixth edition	Office Furnishings Systems	
	-	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1682, fifth edition	Plugs, Receptacles, and Cable Connectors, of the Pin and Sleeve Type	
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors	
	-	UL 1699, third edition	Arc-Fault Circuit-Interrupters	
	-	UL 1699A, second edition	Outlet Branch Circuit Arc-Fault Circuit-Interrupters	
	-	-	-	See 406.4(D)(4)(1)
	-	UL 2999, first edition	Individual Commercial Office Furnishings	
408	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables		
	-	UL 67, thirteenth edition	Panelboards	
	-	UL 891, twelfth edition	Switchboards	
	-	UL 1558, fifth edition	Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear	
409	UL 508, eighteenth edition	Industrial Control Equipment		
	-	UL 508A, third edition	Industrial Control Panels	
410	ANSI/CSA-C22.2 No. 184.2	Solid-State Controls for Lighting Systems (SSCLS)		
	-	UL 153, thirteenth edition	Portable Electric Luminaires	
	-	UL 496, fourteenth edition	Lampholders	
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles	
	-	UL 498B, first edition	Receptacles with Integral Switching Means	
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts	
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for	

Article	Standard Number	Standard Title	
			Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 542, ninth edition	Fluorescent Lamp Starters
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 935, tenth edition	Fluorescent-Lamp Ballasts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 970, first edition	Retail Fixtures and Merchandising Displays
	-	UL 1029, fifth edition	High-Intensity-Discharge Lamp Ballasts
	-	UL 1029A, first edition	Ignitors and Related Auxiliaries for HID Lamp Ballasts
	-	UL 1574, third edition	Track Lighting Systems
	-	UL 1598, fifth edition	Luminaires
	-	UL 1598B, first edition	Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires, Supplemental Requirements
	-	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits
	-	UL 1993, sixth edition	Self-Ballasted Lamps and Lamp Adapters
	-	UL 2388, second edition	Flexible Lighting Products
	-	UL 8750, second edition	Light Emitting Diode (LED) Equipment for Use in Lighting Products
	-	UL 8752, second edition	Organic Light Emitting Diode (OLED) Panels
	-	UL 8753, second edition	Field-Replaceable Light Emitting Diode (LED) Light Engines
	-	UL 8754, second edition	Holders, Bases and Connectors for Solid-State (LED) Light Engines and Arrays
	-	UL 8800, first edition	Horticultural Lighting Equipment and Systems
	-	UL 8802, first edition	Ultraviolet (UV) Germicidal Equipment and Systems
	-	UL 8803, first edition	Portable UV Germicidal Equipment With Uncontained UV Sources
411	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1838, third edition	Low-Voltage Landscape Lighting Systems
	-	UL 2108, second edition	Low-Voltage Lighting Systems
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers

Article	Standard Number	Standard Title	
422	ANSI/CSA-C22.2 No. 339	Hand-held motor-operated electric tools — Safety — Particular requirements for chain beam saws	
	-	UL 22, sixth edition	Amusement and Gaming Machines
	-	UL 73, tenth edition	Motor-Operated Appliances
	-	UL 82, ninth edition	Electric Gardening Appliances
	-	UL 122, fifth edition	Photographic Equipment
	-	UL 141, ninth edition	Garment Finishing Appliances
	-	UL 174, eleventh edition	Household Electric Storage Tank Water Heaters
	-	UL 197, tenth edition	Commercial Electric Cooking Appliances
	-	UL 283, third edition	Air Fresheners and Deodorizers
	-	UL 325, seventh edition	Door, Drapery, Gate, Louver, and Window Operators and Systems
	-	UL 399, eighth edition	Drinking Water Coolers
	-	UL 430, eighth edition	Waste Disposers
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 499, fourteenth edition	Electric Heating Appliances
	-	UL 507, tenth edition	Electric Fans
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications
	-	UL 561, seventh edition	Floor Finishing Machines
	-	UL 574, eighth edition	Electric Oil Heaters
	-	UL 621, seventh edition	Ice Cream Makers
	-	UL 705, seventh edition	Power Ventilators
	-	UL 710B, second edition	Recirculating Systems

Article	Standard Number	Standard Title	
	-	UL 749, twelfth edition	Household Dishwashers
	-	UL 751, ninth edition	Vending Machines
	-	UL 763, fifth edition	Motor-Operated Commercial Food Preparing Machines
	-	UL 778, sixth edition	Motor-Operated Water Pumps
	-	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric
	-	UL 858, sixteenth edition	Household Electric Ranges
	-	UL 859, eleventh edition	Household Electric Personal Grooming Appliances
	-	UL 875, tenth edition	Electric Dry-Bath Heaters
	-	UL 921, eighth edition	Commercial Dishwashers
	-	UL 923, seventh edition	Microwave Cooking Appliances
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 962, fifth edition	Household and Commercial Furnishings
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 979, second edition	Water Treatment Appliances
	-	UL 982, eighth edition	Motor-Operated Household Food Preparing Machines
	-	UL 987, eighth edition	Stationary and Fixed Electric Tools
	-	UL 1017, tenth edition	Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines
	-	UL 1026, sixth edition	Household Electric Cooking and Food Serving Appliances
	-	UL 1086, sixth edition	Household Trash Compactors
	-	UL 1090, seventh edition	Electric Snow Movers
	-	UL 1206, fourth edition	Electric Commercial Clothes-Washing Equipment
	-	UL 1240, fourth edition	Electric Commercial Clothes-Drying Equipment
	-	UL 1278, fourth edition	Movable and Wall- or Ceiling-Hung Electric Room Heaters
	-	UL 1447, sixth edition	Electric Lawn Mowers
	-	UL 1450, fourth edition	Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment
	-	UL 1453, sixth edition	Electric Booster and Commercial Storage Tank Water Heaters
	-	UL 1576, second edition	Flashlights and Lanterns

Article	Standard Number	Standard Title	
	-	UL 1594, fourth edition	Sewing and Cutting Machines
	-	UL 1647, sixth edition	Motor-Operated Massage and Exercise Machines
	-	UL 1727, fifth edition	Commercial Electric Personal Grooming Appliances
	-	UL 1776, third edition	High-Pressure Cleaning Machines
	-	UL 2157, fourth edition	Electric Clothes Washing Machines and Extractors
	-	UL 2158, sixth edition	Electric Clothes Dryers
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools
	-	UL 60335-2-3, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-3: Particular Requirements for Electric Irons
	-	UL 60335-2-8, sixth edition	Household and Similar Electrical Appliances — Safety — Part 2-8: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances
	-	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances, and Ice-Makers
-		UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60335-2-67, second edition	Household and Similar Electrical Appliances — Safety — Part 2-67: Particular Requirements for Floor Treatment Machines, For Commercial Use
	-	UL 60335-2-68, first edition	Household and Similar Electrical Appliances — Safety — Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use
	-	UL 60335-2-79, first edition	Household and Similar Electrical Appliances — Safety — Part 2-79: Particular Requirements for High Pressure Cleaners and Steam Cleaners
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
	-	UL 60745-1, fourth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 1: General Requirements
	-	UL 60745-2-1, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-1: Particular Requirements for Drills and Impact Drills
	-	UL 60745-2-2, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-2: Particular

Article	Standard Number	Standard Title	
			Requirements for Screwdrivers and Impact Wrenches
	-	UL 60745-2-3, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-3: Particular Requirements for Grinders, Polishers, and Disk-Type Sanders
	-	UL 60745-2-4, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type
	-	UL 60745-2-5, fifth edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-5: Particular Requirements for Circular Saws
	-	UL 60745-2-6, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-6: Particular Requirements for Hammers
	-	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements for Shears and Nibblers
	-	UL 60745-2-9, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-9: Particular Requirements for Tappers
	-	UL 60745-2-11, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-11: Particular Requirements for Reciprocating Saws
	-	UL 60745-2-12, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-12: Particular Requirements For Concrete Vibrators
	-	UL 60745-2-13, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-13: Particular Requirements For Chain Saws
	-	UL 60745-2-14, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-14: Particular Requirements for Planers
	-	UL 60745-2-15, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-15: Particular Requirements for Hedge Trimmers
	-	UL 60745-2-16, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-16: Particular Requirements for Tackers
	-	UL 60745-2-17, third edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-17: Particular Requirements for Routers and Trimmers
	-	UL 60745-2-18, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-18: Particular Requirements For Strapping Tools
	-	UL 60745-2-19, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-19: Particular Requirements for Jointers
	-	UL 60745-2-20, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-20: Particular Requirements for Band Saws
	-	UL 60745-2-21, first edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-21: Particular Requirements For Drain Cleaners

Article	Standard Number	Standard Title	
	-	UL 60745-2-22, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-22: Particular Requirements for Cut-Off Machines
	-	UL 60745-2-23, first edition	Hand-Held Motor-Operated electric Tools — Safety — Part 2-23: Particular Requirements for Die Grinders and Small Rotary Tools
	-	UL 62841-1, first edition	Electric Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
-		UL 62841-2-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	-	UL 62841-2-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-2: Particular Requirements For Hand-Held Screwdrivers And Impact Wrenches
	-	UL 62841-2-3, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Disk-Type Polishers, and Disk-Type Sanders
	-	UL 62841-2-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	-	UL 62841-2-5, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	-	UL 62841-2-8, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	-	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders
	-	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	-	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws

Article	Standard Number	Standard Title	
	-	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	-	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	-	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	-	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	-	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
	-	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	-	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws
	-	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10: Particular Requirements for Transportable Cut-Off Machines
	-	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular Requirements for Transportable Threading Machines
	-	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13: Particular Requirements For Transportable Drills
	-	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular Requirements for Transportable Drain Cleaners
	-	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-

Article	Standard Number	Standard Title	
			1000: Particular Requirements for Transportable Laser Engravers
	-	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	-	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	-	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
424	UL 499, fourteenth edition	Electric Heating Appliances	
	-	UL 1042, fifth edition	Electric Baseboard Heating Equipment
	-	UL 1673, third edition	Electric Space Heating Cables
	-	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	-	UL 1995, fifth edition	Heating and Cooling Equipment
	-	UL 1996, fourth edition	Electric Duct Heaters
	-	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
	-	UL 2683, first edition	Electric Heating Products for Floor and Ceiling Installation
425	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 2021, fourth edition	Fixed and Location-Dedicated Electric Room Heaters
426	IEEE 515	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications	
	-	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units
	-	UL 2049, fourth edition	Residential Pipe Heating Cable

Article	Standard Number	Standard Title	
427	IEEE 515-2017	Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Industrial Applications	
	-	UL 515, second edition	Electrical Resistance Trace Heat for Commercial Applications
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 4, fifteenth edition	Armored Cable	
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 705, seventh edition	Power Ventilators
	-	UL 745-1, second edition	Portable Electric Tools
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 987, eighth edition	Stationary and Fixed Electric Tools
	-	UL 1004-1, second edition	Rotating Electrical Machines — General Requirements
	-	UL 1004-2, second edition	Impedance Protected Motors
	-	UL 1004-3, second edition	Thermally Protected Motors
	-	UL 1004-6, second edition	Servo and Stepper Motors
	-	UL 1004-7, third edition	Electronically Protected Motors
	-	UL 1004-8, second edition	Inverter Duty Motors
	-	UL 1004-9, first edition	Form Wound and Medium Voltage Rotating Electrical Machines
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1569, fifth edition	Metal Clad Cables
	-	UL 1812, fourth edition	Ducted Heat Recovery Ventilators
	-	UL 1815, fifth edition	Nonducted Heat Recovery Ventilators
	-	UL 2565, first edition	Industrial Metalworking and Woodworking Machine Tools

Article	Standard Number	Standard Title	
	-	UL 60034-1, third edition	Rotating Electrical Machines — Part 1: Rating and Performance
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60730-2-22, first edition	Automatic Electrical Controls — Part 2-22: Particular Requirements for Thermal Motor Protectors
	-	UL 60745-1, fourth edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 1: General Requirements
	-	UL 60745-2-1, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-1: Particular Requirements For Hand-Held Drills and Impact Drills
	-	UL 60745-2-2, second edition	Hand-Held Motor-Operated Hand-Held Tools — Safety — Part 2-2: Particular Requirements For Screwdrivers And Impact Wrenches
	-	UL 60745-2-3, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-3: Particular Requirements For Hand-Held Grinders, Polishers, and Disk-Type Sanders
	-	UL 60745-2-4, second edition	Hand-Held Motor-Operated Tools — Safety — Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type
	-	UL 60745-2-5, fifth edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-5: Particular Requirements For Hand-Held Circular Saws
	-	UL 60745-2-8, second edition	Hand-Held Motor-Operated Electric Tools — Safety — Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers
	-	UL 60947-1, sixth edition	Low-Voltage Switchgear and Controlgear — Part 1: General Rules
	-	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	-	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	-	UL 60947-5-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-1: Control Circuit Devices and Switching Elements — Electromechanical Control Circuit Devices
	-	UL 60947-5-2, fourth edition	Low-Voltage Switchgear and Controlgear — Part 5-2: Control Circuit Devices and Switching Elements — Proximity Switches

Article	Standard Number	Standard Title	
-		UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	-	UL 62841-2-9, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders
	-	UL 62841-2-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-10: Particular Requirements For Hand-Held Mixers
	-	UL 62841-2-11, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws
	-	UL 62841-2-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-14: Particular Requirements For Hand-Held Planers
	-	UL 62841-2-17, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-17: Particular Requirements For Hand-Held Routers
	-	UL 62841-2-21, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 2-21: Particular Requirements For Hand-Held Drain Cleaners
	-	UL 62841-3-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1: Particular Requirements For Transportable Table Saws
	-	UL 62841-3-4, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-4: Particular Requirements for Transportable Bench Grinders
	-	UL 62841-3-6, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-6: Particular Requirements For Transportable Diamond Drills with Liquid System
	-	UL 62841-3-9, second edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-9: Particular Requirements For Transportable Mitre Saws

Article	Standard Number	Standard Title	
	-	UL 62841-3-10, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-10: Particular requirements for Transportable Cut-Off Machines
	-	UL 62841-3-12, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-12: Particular requirements for Transportable Threading Machines
	-	UL 62841-3-13, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-13: Particular Requirements For Transportable Drills
	-	UL 62841-3-14, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-14: Particular requirements for Transportable Drain Cleaners
	-	UL 62841-3-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 3-1000: Particular Requirements for Transportable Laser Engravers
	-	UL 62841-4-1, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1: Particular Requirements for Chain Saws
	-	UL 62841-4-2, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-2: Particular Requirements for Hedge Trimmers
	-	UL 62841-4-1000, first edition	Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery — Safety — Part 4-1000: Particular Requirements For Utility Machines
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	-	UL 416, fourth edition	Refrigerated Medical Equipment
	-	UL 484, ninth edition	Room Air Conditioners
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
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	-	UL 541, ninth edition	Refrigerated Vending Machines
	-	UL 563, eighth edition	Ice Makers

Article	Standard Number	Standard Title	
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1995, fifth edition	Heating and Cooling Equipment
	-	UL 60335-2-24, third edition	Household and Similar Electrical Appliances — Safety — Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
	-	UL 60335-2-89, second edition	Household and Similar Electrical Appliances — Safety — Part 2-89: Particular Requirements for Commercial Refrigerating Appliances and Ice Makers with an Incorporated or Remote Refrigerant Unit or Compressor
	-	UL 60947-4-1, fourth edition	Low-Voltage Switchgear and Controlgear — Part 4-1: Contactors and Motor-Starters — Electromechanical Contactors and Motor-Starters
	-	UL 60947-4-2, second edition	Low-Voltage Switchgear and Controlgear — Part 4-2: Contactors and Motor-Starters — AC Semiconductor Motor Controllers and Starters
	-	UL 61800-5-2, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-2: Safety Requirements — Functional
445	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
450	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 305, sixth edition	Panic Hardware
	-	UL 340, sixth edition	Tests for Comparative Flammability of Liquids
	-	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
480	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	

Article	Standard Number	Standard Title	
	-	UL 305, sixth edition	Panic Hardware
	-	UL 1642, sixth edition	Lithium Batteries
	-	UL 1973, third edition	Batteries for Use in Stationary and Motive Auxiliary Power Applications
	-	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	-	UL 2054, third edition	Household and Commercial Batteries
	-	UL 4127, second edition	Low Voltage Battery Cable
	-	UL 4128, fifth edition	Intercell and Intertier Connectors for use in Electrochemical Battery System Applications
495	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers	
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	-	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15kV
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
500	FM 121303	Guide for Use of Detectors for Flammable Gases	
	-	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified)
	-	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I,

Article	Standard Number	Standard Title	
			II, and III, Division 1, Hazardous (Classified) Locations
	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation.
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	-	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
501	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations

Article	Standard Number	Standard Title	
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1072, fourth edition	Medium-Voltage Power Cables
	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1277, sixth edition	Electrical Power and Control Tray Cables with Optional Optical-Fiber Members
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
	-	UL 122001, first edition	General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
502	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels,	

Article	Standard Number	Standard Title	
		Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	NFPA 496-2024	Standard for Purged and Pressurized Enclosures for Electrical Equipment
	-	UL 674, sixth edition	Electric Motors and Generators for Use in Hazardous (Classified) Locations
	-	UL 783, sixth edition	Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1203, sixth edition	Explosionproof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
503	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements	
	-	UL 823, ninth edition	Electric Heaters For Use in Hazardous (Classified) Locations
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2,

Article	Standard Number	Standard Title	
			Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 121201, ninth edition	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
504	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations	
	-	UL 913, eighth edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations
	-	UL 120202, first edition	Recommendations for the Preparation, Content, and Organization of Intrinsic Safety Control Drawings
505	FM 121303	Guide for Use of Detectors for Flammable Gases	
	-	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — General, Testing, Marking, and Documentation Requirements
	-	IEEE 1349	Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations
	-	UL 1309A, first edition	Cable for Use in Mobile Installations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	-	UL 60079-1, seventh edition	Explosive Atmospheres — Part 1: Equipment Protection by Flameproof Enclosures “d”
	-	UL 60079-2, sixth edition	Explosive Atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-5, fourth edition	Explosive Atmospheres — Part 5: Type of Equipment Protectionby Powder Filling
	-	UL 60079-6, fourth edition	Explosive Atmospheres — Part 6: Equipment Protection by Liquid Immersion “o”
	-	UL 60079-7, fifth edition	Explosive Atmospheres — Part 7: Equipment Protection by Increased Safety “e”
	-	UL 60079-10-1, first edition	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive Gas Atmospheres

Article	Standard Number	Standard Title	
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety “i”
	-	UL 60079-13, second edition	Explosive Atmospheres — Part 13: Equipment Protection by Pressurized Room “p” and Artificially Ventilated Room “v”
	-	UL 60079-15, fifth edition	Explosive Atmospheres — Part 15: Equipment Protection by Type of Protection “n”
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	-	UL 60079-26, third edition	Explosive Atmospheres — Part 26: Equipment with Equipment Protection Level (EPL) Ga
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-29-1, second edition	Explosive Atmospheres — Part 29-1: Gas Detectors — Performance Requirements of Detectors for Flammable Gases
	-	UL 60079-29-4, first edition	Explosive Atmospheres — Part 29-4: Gas Detectors — Performance Requirements of Open Path Detectors for Flammable Gases
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b”, Liquid Immersion “k”
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
506	IEEE 844.1	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures —	

Article	Standard Number	Standard Title	
		General, Testing, Marking, and Documentation Requirements	
	-	UL 698A, fourth edition	Industrial Control Panels Relating to Hazardous (Classified) Locations
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
	-	UL 60079-0, seventh edition	Explosive Atmospheres — Part 0: Equipment — General Requirements
	-	UL 60079-2, sixth edition	Explosive atmospheres — Part 2: Equipment protection by pressurized enclosure “p”
	-	UL 60079-11, sixth edition	Explosive Atmospheres — Part 11: Equipment Protection by Intrinsic Safety "i"
	-	UL 60079-18, fourth edition	Explosive Atmospheres — Part 18: Equipment Protection by Encapsulation “m”
	-	UL 60079-25, second edition	Explosive Atmospheres — Part 25: Intrinsically Safe Electrical Systems
	-	UL 60079-28, second edition	Explosive Atmospheres — Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation
	-	UL 60079-30-1, first edition	Explosive Atmospheres — Part 30-1: Electrical Resistance Trace Heating — General and Testing Requirements
	-	UL 60079-31, second edition	Explosive Atmospheres — Part 31: Equipment Dust Ignition Protection by Enclosure “t”
	-	UL 60079-33, first edition	Explosive Atmospheres — Part 33: Equipment Protection by Special Protection “s”
	-	UL 60079-46, first edition	Recommended Practice for Explosive Atmospheres — Part 46: Equipment Assemblies
	-	UL 62784, first edition	Vacuum Cleaners and Dust Extractors Providing Equipment Protection Level Dc for the Collection of Combustible Dusts — Particular Requirements
	-	UL 80079-36, first edition	Explosive Atmospheres — Part 36: Non-Electrical Equipment for Explosive Atmospheres — Basic Method and Requirements
	-	UL 80079-37, first edition	Explosive Atmospheres — Part 37: Non-Electrical Equipment for Explosive Atmospheres — Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b“, Liquid Immersion “k”
512	UL 1389, first edition	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and	

Article	Standard Number	Standard Title	
		Hazardous (Classified) Locations	
516	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials	
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	UL 844, thirteenth edition	Luminaires for Use in Hazardous (Classified) Locations
517	AAMI ES 60601-1	Medical electrical equipment — Part 1: General requirements for basic safety and essential performance	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1022, fifth edition	Line Isolation Monitors
	-	UL 1047, sixth edition	Isolated Power Systems Equipment
	-	UL 1286, sixth edition	Office Furnishing Systems
	-	UL 2930, first edition	Cord-and-Plug-connected Health Care Facility Outlet Assemblies
	-	UL 60601-1, first edition	Medical Electrical Equipment — Part 1: General Requirements for Safety
	-	UL 122701, fourth edition	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids
518	UL 498, sixteenth edition	Attachment Plugs and Receptacles	

Article	Standard Number	Standard Title	
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 2305, first edition	Exhibition Display Units, Fabrication and Installation
520	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 334, second edition	Theater Lighting Distribution and Control Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 891, twelfth edition	Switchboards
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
522	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 2250, third edition	Instrumentation Tray Cable
525	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
530	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1479-2-15, fourth edition	Fire Tests of Penetration Firestops
	-	UL 1573, fourth edition	Stage and Studio Luminaires and Connector Strips
	-	UL 1680, second edition	Stage and Lighting Cables

Article	Standard Number	Standard Title	
	-	UL 1691, second edition	Single Pole Locking-Type Separable Connectors
	-	UL 1836, sixth edition	Electric Motors and Generators for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2 and Zone 22 Hazardous (Classified) Locations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
540	UL 67, thirteenth edition	Panelboards	
	-	UL 943, fifth edition	Ground-Fault Circuit Interrupters
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
545	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 20, fourteenth edition	General Use Snap Switches
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
547	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations

Article	Standard Number	Standard Title	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
-		UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 1598, fifth edition	Luminaires
	-	UL 2225, fifth edition	Cable and Cable-Fittings for Use in Hazardous (Classified) Locations
550	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 307A, ninth edition	Liquid Fuel-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	-	UL 307B, fifth edition	Gas-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low-Voltage Lighting Systems

Article	Standard Number	Standard Title	
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
551	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 514D, second edition	Cover Plates for Flush-Mounted Wiring Devices
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1449, fifth edition	Surge Protective Devices

Article	Standard Number	Standard Title	
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2299, first edition	Ground Monitor Interrupters
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 60730-2-9, fourth edition	Automatic Electrical Controls; Part 2-9: Particular Requirements for Temperature Sensing Controls
552	SAE J1128-2015	Low Voltage Primary Cable, for Types GXL, HDT, and SXL	
	-	SAE J1127-2015	Low Voltage Battery Cable, for Types SGT and SGR
	-	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 231, tenth edition	Power Outlets
	-	UL 234, fifth edition	Low Voltage Lighting Fixtures for Use in Recreational Vehicles
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 430, eighth edition	Waste Disposers
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords

Article	Standard Number	Standard Title	
	-	UL 916, fifth edition	Energy Management Equipment
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1004-4, third edition	Electric Generators
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1598, fifth edition	Luminaires
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2108, second edition	Low Voltage Lighting Systems
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
555	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 231, tenth edition	Power Outlets
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1399, first edition	Leakage Current Measurement Devices for Use in Marina Applications
	-	UL 1650, first edition	Portable Power Cable
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
590	UL 496, fourteenth edition	Lampholders	
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 588, nineteenth edition	Seasonal and Holiday Decorative Products
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1088, seventh edition	Temporary Lighting Strings

Article	Standard Number	Standard Title	
	-	UL 1377, first edition	Wire used in Low Voltage Seasonal Lighting Products In Circuits With a Maximum Available Power of 15W
	-	UL 1640, fourth edition	Portable Power-Distribution Equipment
600	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 13, fourth edition	Power-Limited Circuit Cables
	-	UL 48, fifteenth edition	Electric Signs
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 814, twelfth edition	Gas-Tube-Sign Cable
	-	UL 879, ninth edition	Electric Sign Components
	-	UL 879A, first edition	LED Sign and Sign Retrofit Kits
	-	UL 879B, first edition	Polymeric Enclosure Systems for the Splice Between Neon Tubing Electrode Leads and GTO Cable, and the GTO Cable Leading to the Splice
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2161, second edition	Neon Transformers and Power Supplies

Article	Standard Number	Standard Title	
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 3703, first edition	Solar Trackers
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements For Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements For Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: Particular Requirements for Inverters
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
604	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 5, fifteenth edition	Surface Metal Raceways and Fittings
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 183, fourth edition	Manufactured Wiring Systems
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings

Article	Standard Number	Standard Title	
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 857, thirteenth edition	Busways
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
605	UL 962, fifth edition	Household and Commercial Furnishings	
	-	UL 962A, sixth edition	Furniture Power Distribution Units
	-	UL 1286, sixth edition	Office Furnishings Systems
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 2999, first edition	Individual Commercial Office Furnishings
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
610	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 2273, second edition	Festoon Cable
620	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 104, twelfth edition	Elevator Door Locking Devices and Contacts
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1449, fifth edition	Surge Protective Devices

Article	Standard Number	Standard Title	
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
624	UL 9741A	Onboard Electric Vehicle Power Export and Import Equipment	
625	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2202, third edition	DC Charging Equipment for Electric Vehicles
	-	UL 2231-1, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 1: General Requirements
	-	UL 2231-2, second edition	Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits — Part 2: Particular Requirements for Protection Devices for Use in Charging Systems
	-	UL 2251-, fourth edition	Plugs, Receptacles and Couplers for Electrical Vehicles
	-	UL 2580, third edition	Batteries for Use in Electric Vehicles
	-	UL 2594, third edition	Electric Vehicle Supply Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
626	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 231, tenth edition	Power Outlets
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498E, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 498F, first edition	Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords

Article	Standard Number	Standard Title	
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1686, fifth edition	Pin and Sleeve Configurations
630	UL 551, eighth edition	Transformer-Type Arc-Welding Machines	
640	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 813, seventh edition	Commercial Audio Equipment
	-	UL 1310, seventh edition	Class 2 Power Units
	-	UL 1419, fourth edition	Professional Video and Audio Equipment
	-	UL 1492, second edition	Audio-Video Products and Accessories
	-	UL 1711, fourth edition	Amplifiers for Fire Protective Signaling Systems
	-	UL 2269, fourth edition	Optical Fiber/Communications/Signaling/Coaxial Cable Outlet Boxes
	-	UL 6500, second edition	Audio/Video and Musical Instrument Apparatus for Household, Commercial, and Similar General Use
	-	UL 60065, eighth edition	Audio, Video and Similar Electronic Apparatus — Safety Requirements
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
645	UL 38, eighth edition	Manual Signaling Boxes for Fire Alarm Systems	
	-	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems
	-	UL 444, fifth edition	Communications Cables
	-	UL 464, eleventh edition	Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire Alarm Circuits
	-	UL 833, first edition	Control Units and Accessories for Fire Alarm Systems
	-	UL 864, eleventh edition	Control Units and Accessories for Fire Alarm Systems
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1425, third edition	Cables for Non-Power-Limited Fire-Alarm Circuits
	-	UL 1449, fifth edition	Surge Protective Devices

Article	Standard Number	Standard Title	
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1638, sixth edition	Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1690, fourth edition	Data-Processing Cable
-		UL 1778, fifth edition	Uninterruptible Power Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 60950-1, second edition	Information Technology Equipment — Safety — Part 1: General Requirements
	-	UL 60950-21, first edition	Information Technology Equipment — Safety — Part 21: Remote Power Feeding
	-	UL 60950-22, second edition	Information Technology Equipment — Safety — Part 22: Equipment to be Installed Outdoors
	-	UL 60950-23, first edition	Information Technology Equipment — Safety — Part 23: Large Data Storage Equipment
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
646	UL 10C, third edition	Positive Pressure Fire Tests of Door Assemblies	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 67, thirteenth edition	Panelboards
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 305, sixth edition	Panic Hardware
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 508A, third edition	Industrial Control Panels
	-	UL 845, sixth edition	Motor Control Centers
	-	UL 869A, fourth edition	Reference Standard for Service Equipment
	-	UL 891, twelfth edition	Switchboards

Article	Standard Number	Standard Title	
	-	UL 924, tenth edition	Emergency Lighting and Power Equipment
-		UL 977, fifth edition	Fused Power-Circuit Devices
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1062, third edition	Unit Substations
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1655, second edition	Community-Antenna Television Cables
	-	UL 1989, sixth edition	Valve Regulated or Vented Batteries with Aqueous Electrolytes
	-	UL 2755, second edition	Modular Data Centers
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
647	UL 1598, fifth edition	Luminaires	
650	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
670	ANSI/CSA-C22.2 No. 19085-1	Woodworking machines — Safety — Part 1: Common requirements	
	-	UL 508, eighteenth edition	Industrial Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
675	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords

Article	Standard Number	Standard Title	
680	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 20, fourteenth edition	General Use Snap-Switches
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 379, first edition	Power Units for Fountain, Swimming Pool, and Spa Luminaires
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 676, ninth edition	Underwater Luminaires and Submersible Junction Boxes
	-	UL 676A, third edition	Potting Compounds for Swimming Pool, Fountain, and Spa Equipment
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 943C, second edition	Special Purpose Ground-Fault Circuit-Interrupters
	-	UL 1004-10, first edition	Pool Pump Motors
	-	UL 1081, seventh edition	Swimming Pool Pumps, Filters, and Chlorinators
	-	UL 1241, seventh edition	Junction Boxes for Swimming Pool Luminaires
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1261, sixth edition	Electric Water Heaters for Pools and Tubs
	-	UL 1563, sixth edition	Electric Spas, Equipment Assemblies, and Associated Equipment
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 1795, fifth edition	Hydromassage Bathtubs
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2452, first edition	Electric Swimming Pool and Spa Cover Operators

Article	Standard Number	Standard Title	
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2995, first edition	Lifts for Swimming Pools and Spas
	-	UL 60335-2-1000, first edition	Household and Similar Electrical Appliances: Particular Requirements for Electrically Powered Pool Lifts
682	UL 486D, seventh edition	Sealed Wire Connector Systems	
	-	UL 943, fifth edition	Ground-Fault Circuit-Interrupters
	-	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1838, third edition	Low Voltage Landscape Lighting Systems
690	UL 98B, third edition	Enclosed and Dead-Front Switches for Use in Photovoltaic Systems	
	-	UL 248-19, first edition	Low-Voltage Fuses — Part 19: Photovoltaic Fuses
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 489B, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems
	-	UL 508I, second edition	Disconnect Switches Intended for Use in Photovoltaic Systems
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1699B, first edition	Photovoltaic (PV) DC Arc-Fault Circuit Protection
	-	UL 1703, third edition	Flat-Plate Photovoltaic Modules and Panels
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources
	-	UL 2703, first edition	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 3703, first edition	Solar Trackers

Article	Standard Number	Standard Title	
	-	UL 3730, first edition	Photovoltaic Junction Boxes
	-	UL 3741, first edition	Photovoltaic Hazard Control
	-	UL 4703, first edition	Photovoltaic Wire
	-	UL 6703, first edition	Connectors for Use in Photovoltaic Systems
	-	UL 7103, first edition	Investigation for Building-Integrated Photovoltaic Roof Coverings
	-	UL 8703, third edition	Concentrator Photovoltaic Modules and Assemblies
	-	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	-	UL 9703, third edition	Distributed Generation Wiring Harnesses
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 61730-1, second edition	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements for Construction
	-	UL 61730-2, second edition	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements for Testing
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
692	UL 2262, second edition	Fuel Cell Modules for Use in Portable and Stationary Equipment	
	-	UL 2262A, second edition	Borohydride Fuel Cartridges with Integral Fuel Processing for Use with Portable Fuel Cell Power Systems or Similar Equipment
	-	UL 2265, first edition	Fuel Cell Power Units and Fuel Storage Containers for Portable Devices
	-	UL 2265C, first edition	Hand-Held or Hand-Transportable Alkaline (Direct Borohydride) Fuel Cell Power Units and Borohydride Fuel Cartridges For Use With Consumer Electronics or Information Technology Equipment
	-	UL 2266, first edition	Electromagnetic Compatibility, Electrical Safety, and Physical Protection of Stationary and Portable Fuel Cell Power Systems for Use with Commercial Network Telecommunications Equipment
	-	UL 2267, third edition	Fuel Cell Power Systems for Installation in Industrial Electric Trucks

Article	Standard Number	Standard Title	
694	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 489C, first edition	Molded-Case Circuit Breakers and Molded-Case Switches for Use with Wind Turbines
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2277, fifth edition	Flexible Motor Supply Cable and Wind Turbine Tray Cable
	-	UL 2736, first edition	Single Pole Separable Interconnecting Cable Connectors for Use with Wind Turbine Generating Systems
	-	UL 4143, first edition	Wind Turbine Generator — Life Time Extension (LTE)
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
695	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 218, third edition	Fire Pump Controllers
	-	UL 448, twelfth edition	Centrifugal Stationary Pumps for Fire-Protection Service
	-	UL 448B, second edition	Residential Fire Pumps Intended for One- and Two-Family Dwellings and Manufactured Homes
	-	UL 448C, second edition	Stationary, Rotary-Type, Positive-Displacement Pumps for Fire Protection Service
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1004-5, second edition	Fire Pump Motors
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
700	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment

Article	Standard Number	Standard Title	
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1449, fifth edition	Surge Protective Devices
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	UL 3008, third issue	**Outline of Investigation for Interconnection Switches for Emergency Systems**	
701	UL 924, tenth edition	Emergency Lighting and Power Equipment	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	UL 3008, third edition	**Outline of Investigation for Interconnection Switches for Emergency Systems**	
702	UL 98, fourteenth edition	Enclosed and Dead-Front Switches	
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
705	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 98, fourteenth edition	Enclosed and Dead-Front Switches
	-	UL 486D, seventh edition	Sealed Wire Connector Systems
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1429, fourth edition	Pullout Switches

Article	Standard Number	Standard Title	
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
	-	UL 3003, first edition	Distributed Generation Cables
	-	UL 6141, first edition	Wind Turbines Permitting Entry of Personnel
	-	UL 6142, first edition	Small Wind Turbine Systems
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)
	-	UL 62109-1, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
706	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses	
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-6, second edition	Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 248-10, third edition	Low-Voltage Fuses — Part 10: Class L Fuses
	-	UL 248-12, third edition	Low-Voltage Fuses — Part 12: Class R Fuses
	-	UL 248-15, third edition	Low-Voltage Fuses — Part 15: Class T Fuses
	-	UL 248-17, fifth edition	Low-Voltage Fuses — Part 17: Class CF Fuses
	-	UL 248-18, first edition	Low-Voltage Fuses — Part 18: Class CD Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 489H, first edition	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker

Article	Standard Number	Standard Title	
			Enclosures, for Use with Direct Current (DC) Microgrids
	-	UL 1066, fifth edition	Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures
	-	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
	-	UL 9540, third edition	Energy Storage Systems and Equipment
708	UL 1, eleventh edition	Flexible Metal Conduit	
	-	UL 4, fifteenth edition	Armored Cable
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 1008, ninth edition	Transfer Switch Equipment
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1008M, first edition	Transfer Switch Equipment, Meter-Mounted
	-	UL 1008S, first edition	Solid-State Transfer Switches
	-	UL 1569, fifth edition	Metal-Clad Cables
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	UL 3008, third edition	**Interconnection Switches for Emergency Systems**	
710	UL 1741, third edition	Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources	
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 8801, first edition	Photovoltaic (PV) Luminaire Systems
	-	UL 9540, third edition	Energy Storage Systems and Equipment
	-	UL 9741, first edition	Electric Vehicle Power Export Equipment (EVPE)

Article	Standard Number	Standard Title	
	-	UL 62109-1, first edition	Power Converters for use in Photovoltaic Power Systems — Part 1: General Requirements
	-	UL 62109-2, first edition	Power Converters for Use in Photovoltaic Power Systems — Part 2: Particular Requirements for Inverters
722	UL 13, fourth edition	Power-Limited Circuit Cables	
	-	UL 444, fifth edition	Communications Cables
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1651, fourth edition	Optical Fiber Cable
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke- Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2044, fourth edition	Commercial Closed-Circuit Television Equipment
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
725	UL 1310, seventh edition	Class 2 Power Units	
	-	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	-	UL 9990, first edition	Information and Communication Technology (ICT) Power Cables
	-	UL 60730-1, fifth edition	Automatic Electrical Controls — Part 1: General Requirements
	-	UL 61010-2-201, second edition	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-201: Particular Requirements for Control Equipment
	-	UL 61800-5-1, second edition	Adjustable Speed Electrical Power Drive Systems — Part 5-1: Safety Requirements — Electrical, Thermal and Energy
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
726	UL 1400-1, first edition	Fault-Managed Power Systems — 1 General Requirements	
	-	UL 1400-2, first edition	Fault-Managed Power Systems — 2 Requirements for Cables
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables

Article	Standard Number	Standard Title	
			Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
728	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 5A, fourth edition	Nonmetallic Surface Raceways and Fittings
	-	UL 5B, second edition	Strut-Type Channel Raceways and Fittings
	-	UL 5C, third edition	Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits
	-	UL 209, tenth edition	Cellular Metal Floor Raceways and Fittings
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 514A, eleventh edition	Metallic Outlet Boxes
	-	UL 514C, fourth edition	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
	-	UL 568, first edition	Nonmetallic Cable Tray Systems
	-	UL 884, thirteenth edition	Underfloor Raceways and Fittings
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
750	UL 467, eleventh edition	Grounding and Bonding Equipment	
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	-	UL 497A, third edition	Secondary Protectors for Communication Circuits
	-	UL 497B, fourth edition	Protectors for Data Communications and Fire-Alarm Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
760	UL 268, eighth edition	Smoke Detectors for Fire Alarm Systems	
	-	UL 268A, fourth edition	Smoke Detectors for Duct Application
	-	UL 486C, eighth edition	Splicing Wire Connectors

Article	Standard Number	Standard Title	
	-	UL 497B, fourth edition	Protectors for Data Communication and Fire Alarm Circuits
	-	UL 1424, fourth edition	Cables for Power-Limited Fire-Alarm Circuits
	-	UL 1425, third edition	Cables for Non–Power-Limited Fire-Alarm Circuits
	-	UL 1480, seventh edition	Speakers for Fire Alarm and Signaling Systems, Including Accessories
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 60730-2-14, third edition	Automatic Electrical Controls; Part 2-14: Particular Requirements for Electric Actuators
800	UL 444, fifth edition	Communications Cables	
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 489A, first edition	Circuit Breakers for Use in Communication Equipment
	-	UL 497, seventh edition	Protectors for Paired-Conductor Communications Circuits
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 498A, second edition	Current Taps and Adapters
	-	UL 523, second edition	Telephone Service Drop Wire
	-	UL 568, first edition	Nonmetallic Cable Tray Systems
	-	UL 723, eleventh edition	Test for Surface Burning Characteristics of Building Materials
	-	UL 1581, fourth edition	Reference Standard for Electrical Wires, Cables, and Flexible Cords
	-	UL 1666, fifth edition	Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
	-	UL 1685, fourth edition	Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
	-	UL 1724, third edition	Fire Tests for Electrical Circuit Protective Systems
	-	UL 1863, fourth edition	Communication-Circuit Accessories

Article	Standard Number	Standard Title	
	-	UL 2024, fifth edition	Cable Routing Assemblies and Communications Raceways
	-	UL 2043, fifth edition	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
	-	UL 2196, second edition	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables
	-	UL 2556, fifth edition	Wire and Cable Test Methods
	-	UL 60950-1, second edition	Information Technology Equipment
	-	UL 62275, third edition	Cable Management Systems — Cable Ties for Electrical Installations
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
810	UL 150, fourth edition	Antenna Rotators	
	-	UL 452, seventh edition	Antenna-Discharge Units
	-	UL 467, eleventh edition	Grounding and Bonding Equipment
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
820	UL 444, fifth edition	Communications Cables	
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 1655, second edition	Community-Antenna Television Cables
830	UL 444, fifth edition	Communications Cables	
	-	UL 497A, third edition	Secondary Protectors for Communications Circuits
	-	UL 497C, second edition	Protectors for Coaxial Communications Circuits
	-	UL 497E, fourth edition	Protectors for Antenna Lead-In Conductors
	-	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
Tables 11(A) and 11(B)	UL 1310, seventh edition	Class 2 Power Units	
	UL 1434, first edition	Thermistor-Type Devices	
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers	

Article	Standard Number	Standard Title
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements
Tables 12(A) and 12(B)	UL 1310, seventh edition	Class 2 Power Units
	UL 1434, first edition	Thermistor-Type Devices
	UL 5085-3, first edition	Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers
	UL 62368-1, third edition	Audio/Video, Information and Communication Technology Equipment — Part 1: Safety Requirements

Table A.1(3) Product Safety Standards for Conductors and Equipment That Do Not Have an Associated Listing Requirement and Other Referenced Publications

Article	Standard Number	Standard Title	
110	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
	-	UL 969, fifth edition	Marking and Labeling Systems
	-	UL 9691, first edition	Recommended Practice for Nameplates for Use in Electrical Installations
210	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
215	UL 1053, seventh edition	Ground-Fault Sensing and Relaying Equipment	
240	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
245	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	NEMA C37.54	NEMA Standard Indoor AC High Voltage Circuit Breakers Applied as Removable

Article	Standard Number	Standard Title	
			Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
265	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 360, seventh edition	Liquid-Tight Flexible Metal Conduit
	-	UL 486C, eighth edition	Splicing Wire Connectors
	-	UL 514B, sixth edition	Conduit, Tubing and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1660, sixth edition	Liquid-Tight Flexible Nonmetallic Conduit
	-	UL 2200, third edition	Stationary Engine Generator Assemblies
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2876, first edition	Remote Racking Devices for Switchgear and Controlgear
300	UL 635, third edition	Insulating Bushings	
314	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
320	UL 514A, eleventh edition	Metallic Outlet Boxes	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
322	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
324	UL 5, fifteenth edition	Surface Metal Raceways and Fittings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
330	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
332	UL 1565, sixth edition	Positioning Devices	

Article	Standard Number	Standard Title	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
334	UL 6, fifteenth edition	Electrical Rigid Metal Conduit — Steel	
	-	UL 6A, second edition	Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 651, eighth edition	Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
	-	UL 797, ninth edition	Electrical Metallic Tubing — Steel
	-	UL 797A, third edition	Electrical Metallic Tubing — Aluminum and Stainless Steel
	-	UL 1242, fourth edition	Electrical Intermediate Metal Conduit — Steel
	-	UL 1565, sixth edition	Positioning Devices
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
	-	UL 2420, first edition	Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515, second edition	Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
	-	UL 2515A, first edition	Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
335	UL 2250, third edition	Instrumentation Tray Cable	
337	UL 1565, sixth edition	Positioning Devices	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
340	UL 493, tenth edition	Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables	
342	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
344	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
348	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
350	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
352	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable

Article	Standard Number	Standard Title	
353	UL 635, third edition	Insulating Bushings	
355	UL 635, third edition	Insulating Bushings	
	-	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable
356	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
358	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
362	UL 2239, second edition	Hardware for the Support of Conduit, Tubing and Cable	
368	UL 857, thirteenth edition	Busways	
392	UL 568, first edition	Nonmetallic Cable Tray Systems	
400	NEMA WC 58-2017	Portable and Power Feeder Cables for Use in Mines and Similar Applications	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 498, sixteenth edition	Attachment Plugs and Receptacles
	-	UL 498B, first edition	Receptacles with Integral Switching Means
	-	UL 498D, first edition	Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts
	-	UL 498, first edition	Attachment Plugs, Cord Connectors and Receptacles — Enclosure Types for Environmental Protection
	-	UL 514B, sixth edition	Conduit, Tubing, and Cable Fittings
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
	-	UL 1650, first edition	Portable Power Cable
	-	UL 1680, second edition	Stage and Lighting Cables
	-	UL 2263, first edition	Electric Vehicle Cable
402	UL 66, third edition	Fixture Wire	
408	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations	
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
409	UL 1436, sixth edition	Outlet Circuit Testers and Other Similar Indicating Devices	
	-	UL 61010-1, third edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
	-	UL 61010-2-030, second edition	Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-30:

Article	Standard Number	Standard Title	
			Particular Requirements for Testing and Measuring Circuits
424	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
	-	UL 1693, third edition	Electric Radiant Heating Panels and Heating Panel Sets
	-	UL 1995, fifth edition	Heating and Cooling Equipment
	-	UL 1996, fourth edition	Electric Duct Heaters
	-	UL 60335-1, sixth edition	Safety of Household and Similar Electrical Appliances, Part 1: General Requirements
	-	UL 60335-2-40, fourth edition	Household and Similar Electrical Appliances — Safety — Part 2–40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers
425	UL 834, fifth edition	Heating, Water Supply, and Power Boilers — Electric	
426	UL 1588, fourth edition	Roof and Gutter De-Icing Cable Units	
427	UL 515, second edition	Electrical Resistance Trace Heating for Commercial Applications	
	-	UL 1462, fourth edition	Mobile Home Pipe Heating Cable
	-	UL 2049, fourth edition	Residential Pipe Heating Cable
430	UL 248-13, third edition	Low Voltage Fuses — Part 13: Semiconductor Fuses	
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
445	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
-	-	-	
450	IEEE C57.12.00	IEEE Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers	
	-	IEEE C57.12.28	IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity
	-	IEEE C57.12.29	IEEE C57.12.29 IEEE Standard for Pad-Mounted Equipment — Enclosure Integrity for Coastal Environments
	-	IEEE C57.16	IEEE Standard for Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors
	-	UL 50, fourteenth edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
	-	UL 50E, third edition	Enclosures for Electrical Equipment, Environmental Considerations
	-	UL 248-1, fourth edition	Low-Voltage Fuses — Part 1: General Requirements

Article	Standard Number	Standard Title	
	-	UL 248-2, second edition	Low-Voltage Fuses — Part 2: Class C Fuses
	-	UL 248-3, second edition	Low-Voltage Fuses — Part 3: Class CA and CB Fuses
	-	UL 248-4, second edition	Low-Voltage Fuses — Part 4: Class CC Fuses
	-	UL 248-5, second edition	Low-Voltage Fuses — Part 5: Class G Fuses
	-	UL 248-8, third edition	Low-Voltage Fuses — Part 8: Class J Fuses
	-	UL 248-9, second edition	Low-Voltage Fuses — Part 9: Class K Fuses
	-	UL 489, thirteenth edition	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
	-	UL 1561, fourth edition	Dry-Type General Purpose and Power Transformers
	-	UL 1562, fourth edition	Transformers, Distribution, Dry-Type Over 600 Volts
	-	UL 5085, second edition	Low Voltage Transformers — Part 2: General Purpose Transformers
460	UL 810, sixth edition	Capacitors	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
	-	UL 60384-14, second edition	Fixed Capacitors for Use in Electronic Equipment — Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains
470	UL 508, eighteenth edition	Industrial Control Equipment	
	-	UL 1283, seventh edition	Electromagnetic Interference Filters
495	IEEE C37.09	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	
	-	IEEE C37.20.2	IEEE Standard for Metal-Clad Switchgear
	-	IEEE C37.20.3	IEEE Standard for Metal-Enclosed Interrupter Switchgear (1 kV–38 kV)
	-	IEEE C37.20.4	IEEE Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear
	-	IEEE C37.20.6	IEEE Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in Enclosures
	-	IEEE C37.20.9	IEEE Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems
	-	IEEE C37.23	IEEE Standard for Metal-Enclosed Bus

Article	Standard Number	Standard Title	
	-	IEEE C37.41	IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.42	IEEE Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories
	-	IEEE C37.59	IEEE Standard for Requirements for Conversion of Power Switchgear Equipment
	-	IEEE C37.60	IEEE International Standard — High-voltage switchgear and controlgear — Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV
	-	IEEE C37.74	IEEE Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV
	-	NEMA C37.54	American National Standard for Indoor AC High Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear — Conformance Test Procedures
	-	NEMA C37.55	American National Standard for Switchgear — Medium Voltage Metal-Clad Assemblies — Conformance Test Procedures
	-	NEMA C37.57	American National Standard for Switchgear — Metal-Enclosed Interrupter Switchgear Assemblies — Conformance Testing
	-	NEMA C37.58	American National Standard for Switchgear — Indoor AC Medium Voltage Switches for Use in Metal-Enclosed Switchgear — Conformance Test Procedures
	-	UL 347, seventh edition	Medium-Voltage AC Contactors, Controllers, and Control Centers
	-	UL 347A, second edition	Medium Voltage Power Conversion Equipment
	-	UL 347C, first edition	Medium Voltage Solid State Resistive Load Controllers, Up to 15KV
	-	UL 1008A, second edition	Transfer Switch Equipment, Over 1000 Volts
	-	UL 2748, first edition	Arcing Fault Quenching Equipment
	-	UL 2877, fourth edition	Power Supplies, Medium Voltage
	-	UL 3004, second edition	Outline of Investigation for Medium Voltage Junction Boxes
500	ANSI/IEEE C2	National Electrical Safety Code, Section 127A, Coal Handling Areas	
	-	ANSI/UL 121203	Recommended Practice for Portable/Personal Electronic Products Suitable for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2,

Article	Standard Number	Standard Title	
			Class III, Division 1, Class III, Division 2, Zone 21 and Zone 22 Hazardous (Classified) Locations
	-	API RP 14F	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Division 1 and Division 2 Locations
	-	API RP 500	Recommended Practice for Classification of Locations of Electrical Installations at Petroleum Facilities Classified as Class I, Division 1 and Division 2
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASHRAE 15	Safety Standard for Refrigeration Systems.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	IEEE 844.2	Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	IEEE/IEC International Standard for Explosive atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation, and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	-	ISA-12.10	Area Classification in Hazardous (Classified) Dust Locations
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 32-2021	Standard for Drycleaning Facilities
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 35-2021	Standard for the Manufacture of Organic Coatings
	-	NFPA 36-2025	Standard for Solvent Extraction Plants
	-	NFPA 45-2024	Standard on Fire Protection for Laboratories Using Chemicals
	-	NFPA 55-2026	Compressed Gases and Cryogenic Fluids Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code

Article	Standard Number	Standard Title	
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installation in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	-	NFPA 820-2024	Standard for Fire Protection in Wastewater Treatment and Collection Facilities
	-	UL 60079-29-2, second edition	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	-	UL 120002, second edition	Recommended Practice for Certificates for Equipment for Hazardous (Classified) Locations
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
-	-	-	
501	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 504, third edition	Mineral-Insulated, Metal-Sheathed Cable
-	-	-	
503	NFPA 505-2024	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	
504	ISA-RP 12.06.01	Recommended Practice for Wiring Methods for Hazardous (Classified) Locations Instrumentation — Part 1: Intrinsic Safety	
505	ANSI/API RP 14FZ	Recommended Practice for Design and Installation of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Zone 0, Zone 1, and Zone 2 Locations	
	-	API RP 505	Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Zone 0, Zone 1, and Zone 2

Article	Standard Number	Standard Title	
	-	API RP 2003	Protection Against Ignitions Arising Out of Static Lightning and Stray Currents.
	-	ASME B1.20.1	Pipe Threads, General Purpose (Inch)
	-	EI 15	Model Code of Safe Practice, Part 15: Area Classification Code for Installations Handling Flammable Fluids
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures — Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	-	IIAR 2	Standard for Safe Design of Closed-Circuit Ammonia Refrigeration Systems
	-	ISA-60079-10-1 (12.24.01)	Explosive Atmospheres — Part 10-1: Classification of Areas — Explosive gas atmospheres
	-	ISA-60079-29-2	Explosive Atmospheres — Part 29-2: Gas detectors — Selection, installation, use and maintenance of detectors for flammable gases and oxygen
	-	ISO 965-1	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data
	-	ISO 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Deviations for constructional screw threads
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
	-	NFPA 780-2026	Standard for the Installation of Lightning Protection Systems
	-	UL 80079-20-1, first edition	Explosive Atmospheres — Part 20-1: Material Characteristics for Gas and Vapour Classification — Test Methods and Data
	-	UL 120101, first edition	Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations
	-	UL 121303, first edition	Guide for Use of Detectors for Flammable Gases
506	ASME B1.20.1	Pipe Threads, General Purpose (Inch)	
	-	IEEE 844.2	Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures —

Article	Standard Number	Standard Title	
			Application Guide for Design, Installation, Testing, Commissioning, and Maintenance
	-	IEEE 60079-30-2	Explosive Atmospheres — Part 30-2: Electrical resistance trace heating — Application guide for design, installation and maintenance
	-	ISA-60079-10-2 (12.10.05)	Explosive Atmospheres — Part 10-2: Classification of Areas — Combustible Dust Atmospheres
	-	NFPA 499	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
511	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages	
	-	NFPA 88A-2023	Standard for Parking Structures
512	ICC IFC	International Fire Code	
	-	NFPA 1-2023	Fire Code
	-	NFPA 30-2024	Flammable and Combustible Liquids Code
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 36-2025	Standard for Solvent Extraction Plants
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 70B-2023	Standard for Electrical Equipment Maintenance
	-	NFPA 497-2024	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas
513	NFPA 30-2024	Flammable and Combustible Liquids Code	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 409-2022	Standard on Aircraft Hangars
514	NFPA 2-2023	Hydrogen Technologies Code	
	-	NFPA 30A-2024	Code for Motor Fuel Dispensing Facilities and Repair Garages
	-	NFPA 52-2023	Vehicular Natural Gas Fuel Systems Code
	-	NFPA 58-2024	Liquefied Petroleum Gas Code
	-	NFPA 59-2024	Utility LP-Gas Plant Code
	-	NFPA 303-2026	Fire Protection Standard for Marinas and Boatyards
515	NFPA 30-2024	Flammable and Combustible Liquids Code	
516	NFPA 13-2025	Standard for the Installation of Sprinkler Systems	

Article	Standard Number	Standard Title	
	-	NFPA 33-2024	Standard for Spray Application Using Flammable or Combustible Materials
	-	NFPA 34-2024	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids
	-	NFPA 77-2024	Recommended Practice on Static Electricity
	-	NFPA 91-2026	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids
	-	NFPA 701-2023	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
620	UL 4, fifteenth edition	Armored Cable	
	-	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables
	-	UL 66, third edition	Fixture Wire
	-	UL 504, third edition	Mineral-Insulated, Metal Sheathed Cable
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1569, fifth edition	Metal-Clad Cables
625	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
630	UL 1276, third edition	Welding Cable	
650	UL 1651, fourth edition	Optical Fiber Cable	
660	UL 62, twentieth edition	Flexible Cords and Cables	
	-	UL 817, twelfth edition	Cord Sets and Power-Supply Cords
668	UL 4, fifteenth edition	Armored Cable	
	-	UL 62, twentieth edition	Flexible Cords and Cables
670	UL 1740, fourth edition	Standard for Robots and Robotic Equipment	
	-	UL 2011, seventh edition	Machinery
	-	UL 3100, first edition	Automated Mobile Platforms (AMPs)
675	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 1263, sixth edition	Irrigation Cable
690	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
691	UL 3001, first edition	Distributed Energy Generation and Storage Systems	

Article	Standard Number	Standard Title	
692	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
694	UL 44, nineteenth edition	Thermoset-Insulated Wires and Cables	
	-	UL 62, twentieth edition	Flexible Cords and Cables
	-	UL 83, sixteenth edition	Thermoplastic-Insulated Wires and Cables
	-	UL 83A, first edition	Fluoropolymer Insulated Wire
	-	UL 1063, ninth edition	Machine-Tool Wires and Cables
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
700	UL 1598C, second edition	Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits	
	-	UL 3001, first edition	Distributed Energy Generation and Storage Systems
-	~~UL 3008, third edition~~	~~Automatic Interconnection Switches for Emergency Systems~~	
701	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
	-	UL 3008, third edition	Automatic Interconnection Switches for Emergency Systems
702	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
705	UL 3001, first edition	Distributed Energy Generation and Storage Systems	
708	NEMA CY 70001-2023	Cybersecurity Implementation Guidance for Connected Electrical Infrastructure	
710	UL 3001, first edition	Distributed Energy Generation and Storage Systems	

Statement of Problem and Substantiation for Public Input

Considering new product requirements introduced in 2023 (700.12.F), UL 3008 should be included as a reference for Article 700. Being that this listing is a requirement for equipment used in emergency systems, it should be removed as a reference in table A.1(3).

Should new proposals for extending Microgrid requirements to Article 708 be accepted, the appropriate reference should be added to this table as well.

As solutions evolve to meet market needs, clear guidance to specifiers, contractors, owners, and AHJ's on the safety requirements for implementing them helps smooth adoption and progress.

Submitter Information Verification

Submitter Full Name: Bethany Richter
Organization: Schneider Electric
Street Address:
City:
State:
Zip:
Submittal Date: Thu Apr 09 06:55:57 EDT 2026
Committee: NEC-P01

Public Input No. 3380-NFPA 70-2026 [Section No. 80.13]

80.13 Authority.

Where used in this article, the term *authority having jurisdiction* shall include the chief electrical inspector or other individuals designated by the governing body. This code shall be administered and enforced by the authority having jurisdiction designated by the governing authority as follows:

(1) The authority having jurisdiction shall be permitted to render interpretations of this code in order to provide clarification to its requirements, as permitted by 90.4.

(2) When the use of any electrical equipment or its installations is found to be dangerous to human life or property, the authority having jurisdiction shall be empowered to have the premises disconnected from its source of electric supply, as established by the Board. When such equipment or installation has been so condemned or disconnected, a notice shall be placed thereon listing the causes for the condemnation, the disconnection, or both, and the penalty under 80.23 for the unlawful use thereof. Written notice of such condemnation or disconnection and the causes therefor shall be given within 24 hours to the owners, the occupant, or both, of such building, structure, or premises. It shall be unlawful for any person to remove said notice, to reconnect the electrical equipment to its source of electric supply, or to use or permit to be used electric power in any such electrical equipment until such causes for the condemnation or disconnection have been remedied to the satisfaction of the inspection authorities.

(3) The authority having jurisdiction shall be permitted to delegate to other qualified individuals such powers as necessary for the proper administration and enforcement of this code.

(4) Police, fire, and other enforcement agencies shall have authority to render necessary assistance in the enforcement of this code when requested to do so by the authority having jurisdiction.

(5) The authority having jurisdiction shall be authorized to inspect, at all reasonable times, any building or premises for dangerous or hazardous conditions or equipment as set forth in this code. The authority having jurisdiction shall be permitted to order any person(s) to remove or remedy such dangerous or hazardous condition or equipment. Any person(s) failing to comply with such order shall be in violation of this code.

(6) ~~Where the~~ The authority having jurisdiction ~~deems~~ , upon deeming that conditions hazardous to life and property exist, ~~he or she~~ shall be permitted to require that such hazardous conditions in violation of this code be corrected.

(7) To the full extent permitted by law, any authority having jurisdiction engaged in inspection work shall be authorized at all reasonable times to enter and examine any building, structure, or premises for the purpose of making electrical inspections. Before entering a premises, the authority having jurisdiction shall obtain the consent of the occupant thereof or obtain a court warrant authorizing entry for the purpose of inspection except in those instances where an emergency exists. As used in this section, *emergency* means circumstances that the authority having jurisdiction knows, or has reason to believe, exist and that reasonably can constitute immediate danger to persons or property.

(8) Persons authorized to enter and inspect buildings, structures, and premises as herein set forth shall be identified by proper credentials issued by this governing authority.

(9) Persons shall not interfere with an authority having jurisdiction carrying out any duties or functions prescribed by this code.

(10) Persons shall not use a badge, uniform, or other credentials to impersonate the authority having jurisdiction.

(11) The authority having jurisdiction shall be permitted to investigate the cause, origin, and circumstances of any fire, explosion, or other hazardous condition.

(12) The authority having jurisdiction shall be permitted to require plans and specifications to ensure compliance with this code.

(13) Whenever any installation subject to inspection prior to use is covered or concealed without having first been inspected, the authority having jurisdiction shall be permitted to require that such work be exposed for inspection. The authority having jurisdiction shall be notified when the installation is ready for inspection and shall conduct the inspection within ___ days.

(14) The authority having jurisdiction shall be permitted to order the immediate evacuation of any occupied building deemed unsafe when such building has hazardous conditions that present imminent danger to building occupants.

(15) The authority having jurisdiction shall be permitted to waive specific requirements in this code or permit alternative methods where it is assured that equivalent objectives can be achieved by

establishing and maintaining effective safety. Technical documentation shall be submitted to the authority having jurisdiction to demonstrate equivalency and that the system, method, or device is approved for the intended purpose.

(16) Each application for a waiver of a specific electrical requirement shall be filed with the authority having jurisdiction and shall be accompanied by such evidence, letters, statements, results of tests, or other supporting information as required to justify the request. The authority having jurisdiction shall keep a record of actions on such applications, and a signed copy of the authority having jurisdiction's decision shall be provided for the applicant.

Statement of Problem and Substantiation for Public Input

The terms He / Him / His and She / Her / Hers can be seen as non-inclusive and less suitable for international use and translation.

1. The proposed term(s) align with plain-language writing practices and improve translatability for international audiences.
2. The change supports ULSE's inclusive language goals by replacing gendered terms with neutral, technically descriptive alternatives without changing any technical requirement. Proposals are being made across ULSE's portfolio supporting inclusive language.

Submitter Information Verification

Submitter Full Name: Charles Mercier
Organization: UL Standards & Engagement (ULSE)
Street Address:
City:
State:
Zip:
Submittal Date: Wed Apr 08 22:42:56 EDT 2026
Committee: NEC-P01

Public Input No. 3381-NFPA 70-2026 [Section No. 80.15(B)]

(B) Appointments.

Board members shall be appointed by the Governor with the advice and consent of the Senate (or by the Mayor with the advice and consent of the Council, or the equivalent).

(1) Members of the Board shall be chosen in a manner to reflect a balanced representation of individuals or organizations. The Chair of the Board shall be elected by the Board membership.

(2) The Chief Electrical Inspector in the jurisdiction adopting this Article authorized in 80.15(B)(3)(a) shall be the nonvoting secretary of the Board. ~~Where the~~ A Chief Electrical Inspector of a local municipality who serves on a Board at a state level ~~, he or she~~ shall be permitted to serve as a voting member of the Board.

(3) The board shall consist of not fewer than five voting members. Board members shall be selected from the following:

(4) Chief Electrical Inspector from a local government (for State Board only)

(5) An electrical contractor operating in the jurisdiction

(6) A licensed professional engineer engaged primarily in the design or maintenance of electrical installations

(7) A journeyman electrician

(8) Additional membership shall be selected from the following:

(9) A master (supervising) electrician

(10) The Fire Marshal (or Fire Chief)

(11) A representative of the property/casualty insurance industry

(12) A representative of an electric power utility operating in the jurisdiction

(13) A representative of electrical manufacturers primarily and actively engaged in producing materials, fittings, devices, appliances, luminaires, or apparatus used as part of or in connection with electrical installations

(14) A member of the labor organization that represents the primary electrical workforce

(15) A member from the public who is not affiliated with any other designated group

(16) A representative of a telecommunications utility operating in the jurisdiction

Statement of Problem and Substantiation for Public Input

The terms He / Him / His and She / Her / Hers can be seen as non-inclusive and less suitable for international use and translation.

1. The proposed term(s) align with plain-language writing practices and improve translatability for international audiences.
2. The change supports ULSE's inclusive language goals by replacing gendered terms with neutral, technically descriptive alternatives without changing any technical requirement. Proposals are being made across ULSE's portfolio supporting inclusive language.

Submitter Information Verification

Submitter Full Name: Charles Mercier

Organization: UL Standards & Engagement (ULSE)
Street Address:
City:
State:
Zip:
Submittal Date: Wed Apr 08 22:50:23 EDT 2026
Committee: NEC-P01

Public Input No. 3384-NFPA 70-2026 [Section No. 80.27(A)]

(A) Certificate.

All electrical inspectors shall be certified by a nationally recognized inspector certification program accepted by the Board. The certification program shall specifically qualify the inspector in electrical inspections. No person shall be employed as an Electrical Inspector unless that person is the holder of an Electrical Inspector's certificate of qualification issued by the Board, except that any person who on the date on which this law went into effect was serving as a legally appointed Electrical Inspector of _____ shall, upon application and payment of the prescribed fee and without examination, be issued a special certificate permitting ~~him or her~~ them to continue to serve as an Electrical Inspector in the same territory.

Statement of Problem and Substantiation for Public Input

The terms He / Him / His and She / Her / Hers can be seen as non-inclusive and less suitable for international use and translation.

1. The proposed term(s) align with plain-language writing practices and improve translatability for international audiences.
2. The change supports ULSE's inclusive language goals by replacing gendered terms with neutral, technically descriptive alternatives without changing any technical requirement. Proposals are being made across ULSE's portfolio supporting inclusive language.

Submitter Information Verification

Submitter Full Name: Charles Mercier
Organization: UL Standards & Engagement (ULSE)
Street Address:
City:
State:
Zip:

Submittal Date: Wed Apr 08 22:57:43 EDT 2026
Committee: NEC-P01

Public Input No. 1363-NFPA 70-2026 [Annex J]

Informative Annex J ~~Reserved~~ Tables 130.4(E)(a)&(b) from NFPA 70E inserted here or somewhere.

Statement of Problem and Substantiation for Public Input

If we are going to have to enforce these PPE requirements of 110.16, everyone should have access to these tables if that is what it takes. Not everyone has a publication of 70E or Link.

Submitter Information Verification

Submitter Full Name: Brent Schoulte
Organization: South Dakota Electrical Commis
Street Address:
City:
State:
Zip:

Submittal Date: Mon Mar 09 15:05:02 EDT 2026
Committee: NEC-P01

Public Input No. 1136-NFPA 70-2026 [Section No. L.1]

L.1 Introduction.

Informative Annex L is the proposed organization for the 2029 edition of the *National Electrical Code*. This proposed organization has been developed by the National Electrical Code Correlating Committee and was approved for public review at their January 2025 meeting. For more information on this initiative please visit www.nfpa.org/70.

Table L.1 Proposed Organization of the 2029 *National Electrical Code*

~~Chapter 11 Temporary~~ ~~Chapter 12 Devices~~

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number	
Introduction	90	90	90	
Chapter 1 Definitions and General Requirements	**2023**	**2026**	**2029**	
Definitions	100	100	100	
General Requirements for Electrical Installations	110	110	110	
Load Calculations	220	120	120	
Energy Management and Power Control	750	130	130	
Chapter 2 Wiring and Protection for Systems 1000 Vac, 1500 Vdc and Below (Excluding Chapter 4 Systems)	**2023**	**2026**	**2029**	
General Requirements	300	300	200	
Conductors	310	310	205	
Use and Identification of Grounded Conductors	200	200	206	
Remote Control, Signaling, Class 1 Circuits	206	206	208	
Branch Circuits	210	210	210	
Feeders	215	215	215	
Outside Branch Circuits and Feeders	225	225	225	
Services	230	230	230	
Overcurrent Protection	240	240	240	
Overvoltage Protection	242	242	242	
Grounding and Bonding	250	250	250	
~~Chapter 3~~ **Chapter 21** **Wiring and Protection for Systems Over 1000 Vac, 1500 Vdc**	**2023**	**2026**	**2029**	
General Requirements	305	305~~300~~	**21** 00	
Conductors and Cables	315	315~~305~~	**21** 05	
Use and Identification of Grounded Conductors	-	-	~~306~~	**21** 06
Branch Circuits	235	265~~310~~	**21** 10	
Feeders	235	266~~315~~	**21** 15	
Outside Branch Circuits and Feeders	235	267~~325~~	**21** 25	
Services	235	268~~330~~	**21** 30	
Overcurrent Protection	245	245~~340~~	**21** 40	
Overvoltage Protection	242 (Part III)	242 (Part III)	~~342~~ **21** 42	
Grounding and Bonding	250 (Part X)	270~~350~~	**21** 50	
~~Chapter 4~~ **Chapter 3** **Wiring and Protection for Limited Energy Systems**	**2023**	**2026**	**2029**	
General Requirements for Limited-Energy System Wiring Methods and	300	720~~400~~	300	

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number	
Materials				
Limited-Energy Cables	722	722~~405~~	305	
Raceways, Cable Routing Assemblies, and Cable Trays of Limited-Energy Systems	800, 805, 810, 820, 830, 840	723~~406~~	306	
Class 2 and Class 3 Limited-Energy Systems	725	725~~410~~	310	
Class 4 Fault-Managed Power Systems	726	726~~411~~	311	
Communication Systems — Outside Entering Buildings Part I — Communication Systems Part II — Antenna Systems Part III — CATV Part IV — Networked-Powered Broadband Communication Systems Part V — Premises-Powered Broadband Communication Systems	800, 805, 810, 820, 830, 840	800, 810, 820, 830	~~430~~ 330	
Power Sources of Limited-Energy Systems	725, 726, 820, 830, 840	721~~440~~	340	
Overvoltage Protection of Limited-Energy Systems	-		742	442
Grounding and Bonding of Limited-Energy Systems	805, 810, 820, 830, 840	750	450	
~~Chapter 5~~ Chapter 17 Power Production and Energy Storage Systems	**2023**	**2026**	**2029**	
Interconnected Systems	705	705~~500~~	1700	
Generators	445	445~~502~~	1702	
Stationary Standby Batteries	480	480~~504~~	1704	
Solar Photovoltaic (PV) Systems	690	690~~506~~	1706	
Large-Scale Photovoltaic (PV) Electric Supply Stations	691	691~~508~~	1708	
Fuel Cell Systems	692	692~~510~~	1710	
Wind Electric Systems	694	694~~512~~	1712	
Energy Storage Systems	706	706~~514~~	1714	
Stand-Alone Systems	710	710~~516~~	1716	
Optional Standby Systems	702	702~~518~~	1718	
~~Chapter 6~~ Chapter 4 Enclosures and Wiring Support Structures	**2023**	**2026**	**2029**	
Cabinets, Cutout Boxes, and Meter Socket Enclosures	312	312~~600~~	**4**00	
Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings; and Handhole Enclosures	314	314~~602~~	**4**02	
Cable Trays	392	392~~604~~	**4**04	
Auxiliary Gutters	366	366~~606~~	**4**06	
Metal Wireways	376	376~~608~~	**4**08	
Nonmetallic Wireways	378	378~~610~~	**4**10	
Nonmetallic Extensions	382	382~~612~~	**4**12	
~~Chapter 7~~ Chapter 5 Wire and Cable	**2023**	**2026**	**2029**	
Armored Cable: Type AC	320	320~~700~~	**5**00	

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Flat Cable Assemblies: Type FC	322	322~~702~~	**5** 02
Flat Conductor Cable: Type FCC	324	324~~704~~	**5** 04
Integrated Gas Spacer Cable: Type IGS	326	326~~706~~	**5** 06
Metal-Clad Cable: Type MC	330	330~~708~~	**5** 08
Mineral-Insulated, Metal-Sheathed Cable: Type MI	332	332~~710~~	**5** 10
Nonmetallic-Sheathed Cable: Types NM and NMC	334	334~~712~~	**5** 12
Optical Fiber Cables	770	722 (Part VII)	~~714~~ **5** 14
Instrumentation Tray Cable: Type ITC	335	335~~716~~	**5** 16
Power and Control Tray Cable: Type TC	336	336~~718~~	**5** 18
Type P Cable	337	337~~720~~	**5** 20
Service-Entrance Cable: Types SE and USE	338	338~~722~~	**5** 22
Underground Feeder and Branch-Circuit Cable: Type UF	340	340	724
Flexible Cords and Flexible Cables	400	400	726
Fixture Wires	402	402	728
~~Chapter 8~~ Chapter 6 Circular Raceways (Conduit and Tubing)	**2023**	**2026**	**2029**
Intermediate Metal Conduit: Type IMC	342	342~~800~~	**6** 00
Rigid Metal Conduit: Type RMC	344	344~~802~~	**6** 02
Flexible Metal Conduit: Type FMC	348	348~~804~~	**6** 04
Liquidtight Flexible Metal Conduit: Type LFMC	350	350~~806~~	**6** 06
Rigid Polyvinyl Chloride Conduit: Type PVC	352	352~~808~~	**6** 08
High Density Polyethylene Conduit: Type HDPE Conduit	353	353~~810~~	**6** 10
Nonmetallic Underground Conduit with Conductors: Type NUCC	354	354~~812~~	**6** 12
Reinforced Thermosetting Resin Conduit: Type RTRC	355	355~~814~~	**6** 14
Liquidtight Flexible Nonmetallic Conduit: Type LFNC	356	356~~816~~	**6** 16
Electrical Metallic Tubing: Type EMT	358	358~~818~~	**6** 18
Flexible Metallic Tubing: Type FMT	360	360~~820~~	**6** 20
Electrical Nonmetallic Tubing: Type ENT	362	362~~822~~	**6** 22
~~Chapter 9~~ Chapter 7 Noncircular Raceways	**2023**	**2026**	**2029**
Cellular Concrete Floor Raceways	372	372~~900~~	**7** 00
Cellular Metal Floor Raceways	374	374~~902~~	**7** 02
Strut-Type Channel Raceway	384	384~~904~~	**7** 04
Surface Metal Raceways	386	386~~906~~	**7** 06
Surface Nonmetallic Raceways	388	388~~908~~	**7** 08
Underfloor Raceways	390	390~~910~~	**7** 10
~~Chapter 10~~ Chapter 8 Power Systems	**2023**	**2026**	**2029**
Busways	368	368~~1000~~	**8** 00

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Cablebus	370	370~~1002~~	8 02
Insulated Bus Pipe (IBP) and Tubular Covered Conductors (TCC)	369	369~~1004~~	8 04
Flexible Bus System	371	371~~1006~~	8 06
Multioutlet Assembly	380	380~~1008~~	8 08
Low-Voltage Suspended Ceiling Power Distribution Systems	393	393~~1010~~	8 10
Manufactured Wiring Systems	604	604~~1012~~	8 12
Office Furnishings	605	605	~~1014~~
8 14			
Chapter 9 Temporary and Open Wiring	**2023**	**2026**	**2029**
Temporary Installations	590	590~~1100~~	9 00
Messenger-Supported Wiring	396	396~~1102~~	8 02
Open Wiring on Insulators	398	398~~1104~~	9 04
Concealed Knob and Tube Wiring	394	394	~~1106~~
9 06			
Chapter 10 Devices and Distribution Equipment	**2023**	**2026**	**2029**
Switches	404	404~~1200~~	1000
Wiring Devices	406	406~~1202~~	1002
Switchboards, Switchgear, and Panelboards	408	408~~1204~~	1004
Industrial Control Panels	409	409~~1206~~	1006
Transformers and Transformer Vaults	450	450~~1208~~	1008
Capacitors	460	460~~1210~~	1010
Resistors and Reactors	470	470~~1212~~	1012
~~Chapter 13~~ Chapter 11 Lighting Equipment	**2023**	**2026**	**2029**
Luminaires, Lampholders, and Lamps	410	410~~1300~~	11 00
Low-Voltage Lighting	411	411~~1302~~	11 02
Electric Signs and Outline Lighting	600	600~~1304~~	11 04
~~Chapter 14~~ Chapter 12 Motors and Motor-Driven Machinery	**2023**	**2026**	**2029**
Motors, Motor Circuits, and Controller	430	430~~1400~~	12 00
Cranes and Hoists	610	610~~1402~~	12 02
Elevators, Dumbwaiters, Escalators, Moving Walks, Platform Lifts, and Stairway Chairlifts	620	620~~1404~~	12 04
Electrically Driven or Controlled Irrigation Machines	675	675~~1406~~	12 06
Air-Conditioning and Refrigeration Equipment	440	440~~1408~~	12 08
Industrial Machinery	670	670~~1410~~	12 10
Phase Converters	455	455~~1412~~	12 12
~~Chapter 15~~ Chapter 13 Electric Heating and Heating Equipment	**2023**	**2026**	**2029**
Fixed Electric Space Heating Equipment	424	424~~1500~~	13 00

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Fixed Resistance and Electrode Industrial Process Heating	-	-	-
Equipment	425	425~~1502~~	**13** 02
Fixed Outdoor Electric Deicing and Snow-Melting Equipment	426	426~~1504~~	**13** 04
Fixed Electric Heating Equipment for Pipelines and Vessels	427	427~~1506~~	**13** 06
Induction and Dielectric Heating Equipment	665	665~~1508~~	**13** 08
~~Chapter 16~~ Chapter 14 Other Equipment	**2023**	**2026**	**2029**
Appliances	422	422~~1600~~	**14** 00
Electric Welders	630	630~~1602~~	**14** 02
Pipe Organs	650	650~~1604~~	**14** 04
Information Technology Equipment	645	645~~1606~~	**14** 06
Modular Data Centers	646	646~~1608~~	**14** 08
Electrolytic Cells	668	668~~1610~~	**14** 10
Electroplating	669	669~~1612~~	**14** 12
Integrated Electrical Systems	685	685~~1614~~	**14** 14
Sensitive Electronic Equipment	647	647~~1616~~	**14** 16
Audio Signal Processing, Amplification, and Reproduction	-	-	-
Equipment	640	640~~1618~~	**14** 18
X-Ray Equipment	660	660~~1620~~	**14** 20
~~Chapter 17~~ Chapter 22 Equipment Over 1000 Vac, 1500 Vdc	**2023**	**2026**	**2029**
General	495 (Part I, II)	495 (Part I, II)	~~1700~~ **22** 00
Switchgear and Industrial Control Assemblies	495 (Part III)	495 (Part III)	~~1702~~ **22** 02
Mobile and Portable Equipment	495 (Part IV)	495 (Part IV)	~~1704~~ **22** 04
Boilers	495 (Part V)	495 (Part V)	~~1706~~ **22** 06
Motors, Motor Circuits, and Controllers	430 (Part XI)	430 (Part XI)	~~1708~~ **22** 08
Capacitors	460 (Part III)	460 (Part III)	~~1710~~ **22** 10
Resistors and Reactors	470 (Part III)	470 (Part III)	~~1712~~ **22** 12
~~Chapter 18~~ Chapter 15 Hazardous Locations	**2023**	**2026**	**2029**
Hazardous (Classified) Locations, Classes I, II, and III, Divisions 1 and 2	500	500~~1800~~	**15** 00
Class I Locations	501	501~~1801~~	**15** 01
Class II Locations	502	502~~1802~~	**15** 02
Class III Locations	503	503~~1803~~	**15** 03
Intrinsically Safe Systems	504	504~~1804~~	**15** 04
Zone 0, 1, and 2 Locations	505	505~~1805~~	**15** 05
Zone 20, 21, and 22 Locations for Combustible Dusts or Ignitible Fibers/Flyings	506	506~~1806~~	**15** 06
Commercial Garages, Repair and Storage	511	511~~1811~~	**15** 11

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Cannabis Oil Equipment and Cannabis Oil Systems Using	-	-	-
Flammable or Combustible Materials	512	512~~1812~~	**15** 12
Aircraft Hangars	513	513~~1813~~	**15** 13
Motor Fuel Dispensing Facilities	514	514~~1814~~	**15** 14
Bulk Storage Plants	515	515~~1815~~	**15** 15
Spray Application, Dipping, Coating, and Printing Processes	-	-	-
Using Flammable or Combustible Materials	516	516~~1816~~	**15** 16
~~Chapter 19~~ Chapter 16 Occupancies	**2023**	**2026**	**2029**
Health Care Facilities	517	517~~1900~~	**16** 00
Assembly Occupancies	518	518~~1902~~	**16** 02
Theaters, Audience Areas of Motion Picture and Television Studios, Performance Areas, and Similar Locations	520	520~~1904~~	**16** 04
Control Systems for Permanent Amusement Attractions	522	522~~1906~~	**16** 06
Carnivals, Circuses, Fairs, and Similar Events	525	525~~1908~~	**16** 08
Motion Picture and Television Studios and Similar Locations	530	530~~1910~~	**16** 10
Motion Picture Projection Rooms	540	540~~1912~~	**16** 12
Manufactured Buildings and Relocatable Structures	545	545~~1914~~	**16** 14
Agricultural Buildings	547	547~~1916~~	**16** 16
Mobile Homes, Manufactured Homes, and Mobile Home Parks	550	550~~1918~~	**16** 18
Recreational Vehicles and Recreational Vehicle Parks	551	551~~1920~~	**16** 20
Park Trailers	552	552~~1922~~	**16** 22
~~Chapter 20~~ Chapter 18 Installations Associated with Bodies of Water	**2023**	**2026**	**2029**
Swimming Pools, Fountains, and Similar Installations	680	680~~2000~~	**18** 00
Natural and Artificially Made Bodies of Water	682	682~~2002~~	**18** 02
Marinas, Boatyards, Floating Buildings, and Docking Facilities	555	555~~2004~~	**18** 04
~~Chapter 21~~ Chapter 19 Life Safety and Emergency Systems	**2023**	**2026**	**2029**
Emergency Systems	700	700~~2100~~	**19** 00
Legally Required Standby Systems	701	701~~2102~~	**19** 02
Fire Pumps	695	695~~2104~~	**19** 04
Fire Alarm Systems	760	760~~2106~~	**19** 06
Circuit Integrity Cables and Electrical Protective Systems (Fire-Resistive Cable Systems)	728	722 (Part IX), 772	~~2108~~ **19** 08

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number	
Critical Operations Power Systems (COPS)	708	708~~2110~~	**19** 10	
~~Chapter 22~~ **Chapter 20 Electrified Transportation Equipment**	**2023**	**2026**	**2029**	
Electric Vehicle Power Transfer System	625	625~~2200~~	**20** 00	
Electric Self-Propelled Vehicle Power Transfer System (ESVSEs)	-		624~~2202~~	**20** 02
Electrified Truck Parking Spaces	626	626~~2204~~	**20** 04	
Chapter 30 Tables	**Chapter 9**	**Chapter 9**	**Chapter 30**	
Informative Annexes	**Informative Annexes**	**Informative Annexes**	**Informative Annexes**	

Statement of Problem and Substantiation for Public Input

Move Wiring and Protection for Systems Over 1000 Vac, 1500 Vdc from Chapter 3 to Chapter 21. The industry needs all over 1000 Vac rules grouped at the END of the NEC. It's difficult for a student and Code user to learn over 1000 Vac rules before Limited Energy Systems!
Move Power Production and Energy Storage Systems from Chapter 5 to Chapter 17. The industry needs all of these systems after Occupancies and before Bodies of Water. It's difficult for a student and Code user to learn about Power Production Systems before cabinets and outlet boxes!
Move Equipment Over 1000 Vac, 1500 Vdc from Chapter 17 to Chapter 22. The industry needs all over 1000 Vac rules grouped at the END of the NEC.

Submitter Information Verification

Submitter Full Name: Mike Holt
Organization: Mike Holt Enterprises Inc
Street Address:
City:
State:
Zip:
Submittal Date: Sun Feb 22 17:56:33 EST 2026
Committee: NEC-P01

Public Input No. 1226-NFPA 70-2026 [Section No. L.1]

L.1 Introduction.

Informative Annex L is the proposed organization for the 2029 edition of the *National Electrical Code*. This proposed organization has been developed by the National Electrical Code Correlating Committee and was approved for public review at their January 2025 meeting. For more information on this initiative please visit www.nfpa.org/70.

Table L.1 Proposed Organization of the 2029 *National Electrical Code*

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number	
Introduction	90	90	90	
Chapter 1 Definitions and General Requirements	**2023**	**2026**	**2029**	
Definitions	100	100	100	
General Requirements for Electrical Installations	110	110	110	
Load Calculations	220	120	120	
Energy Management and Power Control	750	130	130	
Chapter 2 Wiring and Protection for Systems 1000 Vac, 1500 Vdc and Below (Excluding Chapter 4 Systems)	**2023**	**2026**	**2029**	
General Requirements	300	300	200	
Conductors	310	310	205	
Use and Identification of Grounded Conductors	200	200	206	
Remote Control, Signaling, Class 1 Circuits	206	206	208	
Branch Circuits	210	210	210	
Feeders	215	215	215	
Outside Branch Circuits and Feeders	225	225	225	
Services	230	230	230	
Overcurrent Protection	240	240	240	
Overvoltage Protection	242	242	242	
Grounding and Bonding	250	250	250	
Chapter 3 Wiring and Protection for Systems Over 1000 Vac, 1500 Vdc	**2023**	**2026**	**2029**	
General Requirements	305	305	300	
Conductors and Cables	315	315	305	
Use and Identification of Grounded Conductors	-	-		306
Branch Circuits	235	265	310	
Feeders	235	266	315	
Outside Branch Circuits and Feeders	235	267	325	
Services	235	268	330	
Overcurrent Protection	245	245	340	
Overvoltage Protection	242 (Part III)	242 (Part III)	342	
Grounding and Bonding	250 (Part X)	270	350	
Chapter 4 Wiring and Protection for Limited Energy Systems	**2023**	**2026**	**2029**	
General Requirements for Limited-Energy System Wiring Methods and Materials	300	720	400	
Limited-Energy Cables	722	722	405	
Raceways, Cable Routing Assemblies, and Cable Trays of Limited-Energy Systems	800, 805, 810, 820, 830, 840	723	406	

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number	
Class 2 and Class 3 Limited-Energy Systems	725	725	410	
Class 4 Fault-Managed Power Systems	726	726	411	
Communication Systems — Outside Entering Buildings Part I — Communication Systems Part II — Antenna Systems Part III — CATV Part IV — Networked-Powered Broadband Communication Systems Part V — Premises-Powered Broadband Communication Systems	800, 805, 810, 820, 830, 840	800, 810, 820, 830	430	
Power Sources of Limited-Energy Systems	725, 726, 820, 830, 840	721	440	
Overvoltage Protection of Limited-Energy Systems	-		742	442
Grounding and Bonding of Limited-Energy Systems	805, 810, 820, 830, 840	750	450	
Chapter 5 Power Production and Energy Storage Systems	**2023**	**2026**	**2029**	
Interconnected Systems	705	705	500	
Generators	445	445	502	
Stationary Standby Batteries	480	480	504	
Solar Photovoltaic (PV) Systems	690	690	506	
Large-Scale Photovoltaic (PV) Electric Supply Stations	691	691	508	
Fuel Cell Systems	692	692	510	
Wind Electric Systems	694	694	512	
Energy Storage Systems	706	706	514	
Stand-Alone Systems	710	710	516	
Optional Standby Systems	702	702	518	
Chapter 6 Enclosures and Wiring Support Structures	**2023**	**2026**	**2029**	
Cabinets, Cutout Boxes, and Meter Socket Enclosures	312	312	600	
Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings; and Handhole Enclosures	314	314	602	
Cable Trays	392	392	604	
Auxiliary Gutters	366	366	606	
Metal Wireways	376	376	608	
Nonmetallic Wireways	378	378	610	
Nonmetallic Extensions	382	382	612	
Chapter 7 Wire and Cable	**2023**	**2026**	**2029**	
~~Armored Cable: Type AC~~	~~320~~	~~320~~	~~700~~	
~~Flat Cable Assemblies: Type FC~~	~~322~~	~~322~~	~~702~~	
~~Flat Conductor Cable: Type FCC~~	~~324~~	~~324~~	~~704~~	
~~Integrated Gas Spacer Cable: Type IGS~~	~~326~~	~~326~~	~~706~~	
~~Metal-Clad Cable: Type MC~~	~~330~~	~~330~~	~~708~~	
~~Mineral-Insulated, Metal-Sheathed Cable: Type MI~~	~~332~~	~~332~~	~~710~~	

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
~~Nonmetallic-Sheathed Cable: Types NM and NMC~~	~~334~~	~~334~~	~~712~~
~~Optical Fiber Cables~~	~~770~~	~~722 (Part VII)~~	~~714~~
~~Instrumentation Tray Cable: Type ITC~~	~~335~~	~~335~~	~~716~~
~~Power and Control Tray Cable: Type TC~~	~~336~~	~~336~~	~~718~~
~~Type P Cable~~	~~337~~	~~337~~	~~720~~
~~Service-Entrance Cable: Types SE and USE~~	~~338~~	~~338~~	~~722~~
~~Underground Feeder and Branch-Circuit Cable: Type UF~~	~~340~~	~~340~~	~~724~~
~~Flexible Cords and Flexible Cables~~	~~400~~	~~400~~	~~726~~
~~Fixture Wires~~	~~402~~	~~402~~	~~728~~

Chapter 8 Circular Raceways (Conduit and Tubing)	2023	2026	2029
Intermediate Metal Conduit: Type IMC	342	342	800
Rigid Metal Conduit: Type RMC	344	344	802
Flexible Metal Conduit: Type FMC	348	348	804
Liquidtight Flexible Metal Conduit: Type LFMC	350	350	806
Rigid Polyvinyl Chloride Conduit: Type PVC	352	352	808
High Density Polyethylene Conduit: Type HDPE Conduit	353	353	810
Nonmetallic Underground Conduit with Conductors: Type NUCC	354	354	812
Reinforced Thermosetting Resin Conduit: Type RTRC	355	355	814
Liquidtight Flexible Nonmetallic Conduit: Type LFNC	356	356	816
Electrical Metallic Tubing: Type EMT	358	358	818
Flexible Metallic Tubing: Type FMT	360	360	820
Electrical Nonmetallic Tubing: Type ENT	362	362	822
Chapter 9 Noncircular Raceways	**2023**	**2026**	**2029**
Cellular Concrete Floor Raceways	372	372	900
Cellular Metal Floor Raceways	374	374	902
Strut-Type Channel Raceway	384	384	904
Surface Metal Raceways	386	386	906
Surface Nonmetallic Raceways	388	388	908
Underfloor Raceways	390	390	910
Chapter 10 Power Systems	**2023**	**2026**	**2029**
Busways	368	368	1000
Cablebus	370	370	1002
Insulated Bus Pipe (IBP) and Tubular Covered Conductors (TCC)	369	369	1004
Flexible Bus System	371	371	1006

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Multioutlet Assembly	380	380	1008
Low-Voltage Suspended Ceiling Power Distribution Systems	393	393	1010
Manufactured Wiring Systems	604	604	1012
Office Furnishings	605	605	1014
Chapter 11 Temporary and Open Wiring	**2023**	**2026**	**2029**
Temporary Installations	590	590	1100
Messenger-Supported Wiring	396	396	1102
Open Wiring on Insulators	398	398	1104
Concealed Knob and Tube Wiring	394	394	1106
Chapter 12 Devices and Distribution Equipment	**2023**	**2026**	**2029**
Switches	404	404	1200
Wiring Devices	406	406	1202
Switchboards, Switchgear, and Panelboards	408	408	1204
Industrial Control Panels	409	409	1206
Transformers and Transformer Vaults	450	450	1208
Capacitors	460	460	1210
Resistors and Reactors	470	470	1212
Chapter 13 Lighting Equipment	**2023**	**2026**	**2029**
Luminaires, Lampholders, and Lamps	410	410	1300
Low-Voltage Lighting	411	411	1302
Electric Signs and Outline Lighting	600	600	1304
Chapter 14 Motors and Motor-Driven Machinery	**2023**	**2026**	**2029**
Motors, Motor Circuits, and Controller	430	430	1400
Cranes and Hoists	610	610	1402
Elevators, Dumbwaiters, Escalators, Moving Walks, Platform Lifts, and Stairway Chairlifts	620	620	1404
Electrically Driven or Controlled Irrigation Machines	675	675	1406
Air-Conditioning and Refrigeration Equipment	440	440	1408
Industrial Machinery	670	670	1410
Phase Converters	455	455	1412
Chapter 15 Electric Heating and Heating Equipment	**2023**	**2026**	**2029**
Fixed Electric Space Heating Equipment	424	424	1500
Fixed Resistance and Electrode Industrial Process Heating	-	-	-
Equipment	425	425	1502
Fixed Outdoor Electric Deicing and Snow-Melting Equipment	426	426	1504
Fixed Electric Heating Equipment for Pipelines and Vessels	427	427	1506
Induction and Dielectric Heating Equipment	665	665	1508

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Chapter 16 Other Equipment	**2023**	**2026**	**2029**
Appliances	422	422	1600
Electric Welders	630	630	1602
Pipe Organs	650	650	1604
Information Technology Equipment	645	645	1606
Modular Data Centers	646	646	1608
Electrolytic Cells	668	668	1610
Electroplating	669	669	1612
Integrated Electrical Systems	685	685	1614
Sensitive Electronic Equipment	647	647	1616
Audio Signal Processing, Amplification, and Reproduction	-	-	-
Equipment	640	640	1618
X-Ray Equipment	660	660	1620
Chapter 17 Equipment Over 1000 Vac, 1500 Vdc	**2023**	**2026**	**2029**
General	495 (Part I, II)	495 (Part I, II)	1700
Switchgear and Industrial Control Assemblies	495 (Part III)	495 (Part III)	1702
Mobile and Portable Equipment	495 (Part IV)	495 (Part IV)	1704
Boilers	495 (Part V)	495 (Part V)	1706
Motors, Motor Circuits, and Controllers	430 (Part XI)	430 (Part XI)	1708
Capacitors	460 (Part III)	460 (Part III)	1710
Resistors and Reactors	470 (Part III)	470 (Part III)	1712
Chapter 18 Hazardous Locations	**2023**	**2026**	**2029**
Hazardous (Classified) Locations, Classes I, II, and III, Divisions 1 and 2	500	500	1800
Class I Locations	501	501	1801
Class II Locations	502	502	1802
Class III Locations	503	503	1803
Intrinsically Safe Systems	504	504	1804
Zone 0, 1, and 2 Locations	505	505	1805
Zone 20, 21, and 22 Locations for Combustible Dusts or Ignitible Fibers/Flyings	506	506	1806
Commercial Garages, Repair and Storage	511	511	1811
Cannabis Oil Equipment and Cannabis Oil Systems Using	-	-	-
Flammable or Combustible Materials	512	512	1812
Aircraft Hangars	513	513	1813
Motor Fuel Dispensing Facilities	514	514	1814
Bulk Storage Plants	515	515	1815
Spray Application, Dipping, Coating, and Printing Processes	-	-	-
Using Flammable or Combustible Materials	516	516	1816
Chapter 19 Occupancies	**2023**	**2026**	**2029**
Health Care Facilities	517	517	1900

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number	
Assembly Occupancies	518	518	1902	
Theaters, Audience Areas of Motion Picture and Television Studios, Performance Areas, and Similar Locations	520	520	1904	
Control Systems for Permanent Amusement Attractions	522	522	1906	
Carnivals, Circuses, Fairs, and Similar Events	525	525	1908	
Motion Picture and Television Studios and Similar Locations	530	530	1910	
Motion Picture Projection Rooms	540	540	1912	
Manufactured Buildings and Relocatable Structures	545	545	1914	
Agricultural Buildings	547	547	1916	
Mobile Homes, Manufactured Homes, and Mobile Home Parks	550	550	1918	
Recreational Vehicles and Recreational Vehicle Parks	551	551	1920	
Park Trailers	552	552	1922	
Chapter 20 Installations Associated with Bodies of Water	**2023**	**2026**	**2029**	
Swimming Pools, Fountains, and Similar Installations	680	680	2000	
Natural and Artificially Made Bodies of Water	682	682	2002	
Marinas, Boatyards, Floating Buildings, and Docking Facilities	555	555	2004	
Chapter 21 Life Safety and Emergency Systems	**2023**	**2026**	**2029**	
Emergency Systems	700	700	2100	
Legally Required Standby Systems	701	701	2102	
Fire Pumps	695	695	2104	
Fire Alarm Systems	760	760	2106	
Circuit Integrity Cables and Electrical Protective Systems (Fire-Resistive Cable Systems)	728	722 (Part IX), 772	2108	
Critical Operations Power Systems (COPS)	708	708	2110	
Chapter 22 Electrified Transportation Equipment	**2023**	**2026**	**2029**	
Electric Vehicle Power Transfer System	625	625	2200	
Electric Self-Propelled Vehicle Power Transfer System (ESVSEs)	-		624	2202
Electrified Truck Parking Spaces	626	626	2204	
Chapter 30 Tables	**Chapter 9**	**Chapter 9**	**Chapter 30**	
Informative Annexes	**Informative Annexes**	**Informative Annexes**	**Informative Annexes**	

Additional Proposed Changes

File Name	Description	Approved

Screenshot_2026-02-28_073434.png	Proposed reorganziation of Chapter 7 for 2029 NEC

Statement of Problem and Substantiation for Public Input

The proposed organization of Chapter 7 of the 2029 NEC appears to lack any purposeful ordering, where we have a rare opportunity in this large reorganization project to group wiring methods in a logical structure; as was done in other chapters. (Chapter 8 Circular Raceways is ordered by "conduits" then "tubings")

Directly editing this table in TerraView results in very poor formatting, so I've uploaded an image (attached) to explain the proposed structure.

My proposed organization is as follows:

Common building wiring cables
--NM & NMC (Article 700)
--SE & USE (Article 702)
--UF (Article 704)

Metal-armor / Metal-sheathed cables
--AC (Article 706)
--MC (Article 708)
--MI (Article 710)

Flat / embedded / (specialty cable systems)
--FC (Article 712)
--FCC (Article 714)
--IGS (Article 716)

Special systems (Non-building cable)
--Optical (Article 718)
--ITC (Article 720)
--TC (Article 722)
--P (Article 724)

Utilization equipment conductors
--Flexible Cords & Flexible Cables (Article 726)
--Fixture Wires (Article 728)

I believe this will result in much more intuitive information-seeking in the Chapter, which will help users find wiring methods more effectively. Considering how drastic a change this new book will already be for everyone, logical, purposeful ordering becomes very important.

Submitter Information Verification

Submitter Full Name: Dustin Stelzer
Organization: Electrician U
Street Address:
City:
State:
Zip:

Submittal Date: Sat Feb 28 08:07:17 EST 2026
Committee: NEC-P01

Chapter 7 Wire and Cable	2023	2026	2029
Nonmetallic-Sheathed Cable: Types NM and NMC	334	334	700
Service-Entrance Cable: Types SE and USE	322	322	702
Underground Feeder and Branch-Circuit Cable: Type UF	324	324	704
Armored Cable: Type AC	320	320	706
Metal-Clad Cable: Type MC	330	330	708
Mineral-Insulated, Metal-Sheathed Cable: Type MI	332	332	710
Flat Cable Assemblies: Type FC	322	322	712
Flat Conductor Cable: Type FCC	324	324	714
Integrated Gas Spacer Cable: Type IGS	326	326	716
Optical Fiber Cables	770	722 (Part VII)	718
Instrumentation Tray Cable: Type ITC	335	335	720
Power and Control Tray Cable: Type TC	336	336	722
Type P Cable	337	337	724
Flexible Cords and Flexible Cables	400	400	726
Fixture Wires	402	402	728

Public Input No. 1895-NFPA 70-2026 [Section No. L.1]

L.1 Introduction.

Informative Annex L is the proposed organization for the 2029 edition of the *National Electrical Code*. This proposed organization has been developed by the National Electrical Code Correlating Committee and was approved for public review at their January 2025 meeting. For more information on this initiative please visit www.nfpa.org/70.

Table L.1 Proposed Organization of the 2029 *National Electrical Code*

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Introduction	90	90	90
Chapter 1 Definitions and General Requirements	**2023**	**2026**	**2029**
Definitions	100	100	100
General Requirements for Electrical Installations	110	110	110
Load Calculations	220	120	120
Energy Management and Power Control	750	130	130
Chapter 2 Wiring and Protection for Systems 1000 Vac, 1500 Vdc and Below (Excluding Chapter 4 Systems)	**2023**	**2026**	**2029**
General Requirements	300	300	200
Conductors	310	310	205
Use and Identification of Grounded Conductors	200	200	206
Remote Control, Signaling, Class 1 Circuits	206	206	208
Branch Circuits	210	210	210
Feeders	215	215	215
Outside Branch Circuits and Feeders	225	225	225
Services	230	230	230
Overcurrent Protection	240	240	240
Overvoltage Protection	242	242	242
Grounding and Bonding	250	250	250
Chapter 3 Wiring and Protection for Systems Over 1000 Vac, 1500 Vdc	**2023**	**2026**	**2029**
General Requirements	305	305	300
Conductors and Cables	315	315	305
Use and Identification of Grounded Conductors			306
Branch Circuits	235	265	310
Feeders	235	266	315
Outside Branch Circuits and Feeders	235	267	325
Services	235	268	330
Overcurrent Protection	245	245	340
Overvoltage Protection	242 (Part III)	242 (Part III)	342
Grounding and Bonding	250 (Part X)	270	350
Chapter 4 Wiring and Protection for Limited Energy Systems	**2023**	**2026**	**2029**
General Requirements for Limited-Energy System Wiring Methods and Materials	300	720	400
Limited-Energy Cables	722	722	405
Raceways, Cable Routing Assemblies, and Cable Trays of Limited-Energy Systems	800, 805, 810, 820, 830, 840	723	406
Class 2 and Class 3 Limited-Energy Systems	725	725	410
Class 4 Fault-Managed Power Systems	726	726	411

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Communication Systems — Outside Entering Buildings Part I — Communication Systems Part II — Antenna Systems Part III — CATV Part IV — Networked-Powered Broadband Communication Systems Part V — Premises-Powered Broadband Communication Systems	800, 805, 810, 820, 830, 840	800, 810, 820, 830	430
Power Sources of Limited-Energy Systems	725, 726, 820, 830, 840	721	440
Overvoltage Protection of Limited-Energy Systems		742	442
Grounding and Bonding of Limited-Energy Systems	805, 810, 820, 830, 840	750	450
Chapter 5 Power Production and Energy Storage Systems	**2023**	**2026**	**2029**
Interconnected Systems	705	705	500
Generators	445	445	502
Stationary Standby Batteries	480	480	504
Solar Photovoltaic (PV) Systems	690	690	506
Large-Scale Photovoltaic (PV) Electric Supply Stations	691	691	508
Fuel Cell Systems	692	692	510
Wind Electric Systems	694	694	512
Energy Storage Systems	706	706	514
Stand-Alone Systems	710	710	516
Optional Standby Systems	702	702	518
Chapter 6 Enclosures and Wiring Support Structures	**2023**	**2026**	**2029**
Cabinets, Cutout Boxes, and Meter Socket Enclosures	312	312	600
Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings; and Handhole Enclosures	314	314	602
Cable Trays	392	392	604
Auxiliary Gutters	366	366	606
Metal Wireways	376	376	608
Nonmetallic Wireways	378	378	610
Nonmetallic Extensions	382	382	612
Chapter 7 Wire and Cable	**2023**	**2026**	**2029**
Armored Cable: Type AC	320	320	700
Flat Cable Assemblies: Type FC	322	322	702
Flat Conductor Cable: Type FCC	324	324	704
Integrated Gas Spacer Cable: Type IGS	326	326	706
Metal-Clad Cable: Type MC	330	330	708
Mineral-Insulated, Metal-Sheathed Cable: Type MI	332	332	710
Nonmetallic-Sheathed Cable: Types NM and NMC	334	334	712
Optical Fiber Cables	770	722 (Part VII)	714
Instrumentation Tray Cable: Type ITC	335	335	716
Power and Control Tray Cable: Type TC	336	336	718
Type P Cable	337	337	720
Service-Entrance Cable: Types SE and USE	338	338	722

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Underground Feeder and Branch-Circuit Cable: Type UF	340	340	724
Flexible Cords and Flexible Cables	400	400	726
Fixture Wires	402	402	728
Chapter 8 Circular Raceways (Conduit and Tubing)	**2023**	**2026**	**2029**
Intermediate Metal Conduit: Type IMC	342	342	800
Rigid Metal Conduit: Type RMC	344	344	802
Flexible Metal Conduit: Type FMC	348	348	804
Liquidtight Flexible Metal Conduit: Type LFMC	350	350	806
Rigid Polyvinyl Chloride Conduit: Type PVC	352	352	808
High Density Polyethylene Conduit: Type HDPE Conduit	353	353	810
Nonmetallic Underground Conduit with Conductors: Type NUCC	354	354	812
Reinforced Thermosetting Resin Conduit: Type RTRC	355	355	814
Liquidtight Flexible Nonmetallic Conduit: Type LFNC	356	356	816
Electrical Metallic Tubing: Type EMT	358	358	818
Flexible Metallic Tubing: Type FMT	360	360	820
Electrical Nonmetallic Tubing: Type ENT	362	362	822
Chapter 9 Noncircular Raceways	**2023**	**2026**	**2029**
Cellular Concrete Floor Raceways	372	372	900
Cellular Metal Floor Raceways	374	374	902
Strut-Type Channel Raceway	384	384	904
Surface Metal Raceways	386	386	906
Surface Nonmetallic Raceways	388	388	908
Underfloor Raceways	390	390	910
Chapter 10 Power Systems	**2023**	**2026**	**2029**
Busways	368	368	1000
Cablebus	370	370	1002
Insulated Bus Pipe (IBP) and Tubular Covered Conductors (TCC)	369	369	1004
Flexible Bus System	371	371	1006
Multioutlet Assembly	380	380	1008
Low-Voltage Suspended Ceiling Power Distribution Systems	393	393	1010
Manufactured Wiring Systems	604	604	1012
Office Furnishings	605	605	1014
Chapter 11 Temporary and Open Wiring	**2023**	**2026**	**2029**
Temporary Installations	590	590	1100
Messenger-Supported Wiring	396	396	1102
Open Wiring on Insulators	398	398	1104
Concealed Knob and Tube Wiring	394	394	1106
Chapter 12 Devices and Distribution Equipment	**2023**	**2026**	**2029**
Switches	404	404	1200
Wiring Devices	406	406	1202

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Switchboards, Switchgear, and Panelboards	408	408	1204
Industrial Control Panels	409	409	1206
Transformers and Transformer Vaults	450	450	1208
Capacitors	460	460	1210
Resistors and Reactors	470	470	1212
Chapter 13 Lighting Equipment	**2023**	**2026**	**2029**
Luminaires, Lampholders, and Lamps	410	410	1300
Low-Voltage Lighting	411	411	1302
Electric Signs and Outline Lighting	600	600	1304
Chapter 14 Motors and Motor-Driven Machinery	**2023**	**2026**	**2029**
Motors, Motor Circuits, and Controller	430	430	1400
Cranes and Hoists	610	610	1402
Elevators, Dumbwaiters, Escalators, Moving Walks, Platform Lifts, and Stairway Chairlifts	620	620	1404
Electrically Driven or Controlled Irrigation Machines	675	675	1406
Air-Conditioning and Refrigeration Equipment	440	440	1408
Industrial Machinery	670	670	1410
Phase Converters	455	455	1412
Chapter 15 Electric Heating and Heating Equipment	**2023**	**2026**	**2029**
Fixed Electric Space Heating Equipment	424	424	1500
Fixed Resistance and Electrode Industrial Process Heating Equipment	425	425	1502
Fixed Outdoor Electric Deicing and Snow-Melting Equipment	426	426	1504
Fixed Electric Heating Equipment for Pipelines and Vessels	427	427	1506
Induction and Dielectric Heating Equipment	665	665	1508
Chapter 16 Other Equipment	**2023**	**2026**	**2029**
Appliances	422	422	1600
Electric Welders	630	630	1602
Pipe Organs	650	650	1604
Information Technology Equipment	645	645	1606
Modular Data Centers	646	646	1608
Electrolytic Cells	668	668	1610
Electroplating	669	669	1612
Integrated Electrical Systems	685	685	1614
Sensitive Electronic Equipment	647	647	1616
Audio Signal Processing, Amplification, and Reproduction Equipment	640	640	1618
X-Ray Equipment	660	660	1620
Chapter 17 Equipment Over 1000 Vac, 1500 Vdc	**2023**	**2026**	**2029**
General	495 (Part I, II)	495 (Part I, II)	1700
Switchgear and Industrial Control Assemblies	495 (Part III)	495 (Part III)	1702

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Mobile and Portable Equipment	495 (Part IV)	495 (Part IV)	1704
Boilers	495 (Part V)	495 (Part V)	1706
Motors, Motor Circuits, and Controllers	430 (Part XI)	430 (Part XI)	1708
Capacitors	460 (Part III)	460 (Part III)	1710
Resistors and Reactors	470 (Part III)	470 (Part III)	1712
Chapter 18 Hazardous Locations	**2023**	**2026**	**2029**
Hazardous (Classified) Locations, Classes I, II, and III, Divisions 1 and 2	500	500	1800
Class I Locations	501	501	1801
Class II Locations	502	502	1802
Class III Locations	503	503	1803
Intrinsically Safe Systems	504	504	1804
Zone 0, 1, and 2 Locations	505	505	1805
Zone 20, 21, and 22 Locations for Combustible Dusts or Ignitible Fibers/Flyings	506	506	1806
Commercial Garages, Repair and Storage	511	511	1811
Cannabis Oil Equipment and Cannabis Oil Systems Using			
Flammable or Combustible Materials	512	512	1812
Aircraft Hangars	513	513	1813
Motor Fuel Dispensing Facilities	514	514	1814
Bulk Storage Plants	515	515	1815
Spray Application, Dipping, Coating, and Printing Processes			
Using Flammable or Combustible Materials	516	516	1816
Chapter 19 Occupancies	**2023**	**2026**	**2029**
Health Care Facilities	517	517	1900
Assembly Occupancies	518	518	1902
Theaters, Audience Areas of Motion Picture and Television Studios, Performance Areas, and Similar Locations	520	520	1904
Control Systems for Permanent Amusement Attractions	522	522	1906
Carnivals, Circuses, Fairs, and Similar Events	525	525	1908
Motion Picture and Television Studios and Similar Locations	530	530	1910
Motion Picture Projection Rooms	540	540	1912
Manufactured Buildings and Relocatable Structures	545	545	1914
Agricultural Buildings	547	547	1916
Mobile Homes, Manufactured Homes, and Mobile Home Parks	550	550	1918
Recreational Vehicles and Recreational Vehicle Parks	551	551	1920
Park Trailers	552	552	1922
Chapter 20 Installations Associated with Bodies of Water	**2023**	**2026**	**2029**
Swimming Pools, Fountains, and Similar Installations	680	680	2000

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Natural and Artificially Made Bodies of Water	682	682	2002
Marinas, Boatyards, Floating Buildings, and Docking Facilities	555	555	2004
Chapter 21 Life Safety and Emergency Systems	**2023**	**2026**	**2029**
Emergency Systems	700	700	2100
Legally Required Standby Systems	701	701	2102
Fire Pumps	695	695	2104
Fire Alarm Systems	760	760	2106
Circuit Integrity Cables and Electrical Protective Systems (Fire-Resistive Cable Systems)	728	722 (Part IX), 772	2108
Critical Operations Power Systems (COPS)	708	708	2110
Chapter 22 Electrified Transportation Equipment	**2023**	**2026**	**2029**
Electric Vehicle Power Transfer System	625	625	2200
Electric Self-Propelled Vehicle Power Transfer System (ESVSEs)		624	2202
Electrified Truck Parking Spaces	626	626	2204
Chapter 30 Tables	**Chapter 9**	**Chapter 9**	**Chapter 30**
Informative Annexes	**Informative Annexes**	**Informative Annexes**	**Informative Annexes**

Statement of Problem and Substantiation for Public Input

I appreciate the intent of the proposed 2029 arrangement, but I have these concerns about the mass change:

- Comparable standards bodies such as IEC, IEEE, and ISO typically take 9–12 years to implement reorganizations of this scale, rather than a single code cycle.
- The proposed 2029 NEC reorganization renumbers roughly 85–90% of all articles and restructures most chapters, representing the largest structural change in NEC history.
- AHJ adoption is likely to lag significantly because such a major restructuring demands far more training and coordination than a normal cycle.
- Industry specifications, design documents, and instruments of service depend heavily on legacy NEC numbering, making a full renumbering a massive rewrite burden.
- Education and licensing systems—from apprenticeship programs to exam providers—would require extensive revision due to near-total changes in NEC article numbering.
- Manufacturers must overhaul installation manuals, labeling, and compliance documentation because they reference NEC articles extensively.
- A near-complete relocation of articles greatly increases the risk of broken cross-references, misplaced exceptions, and other internal NEC errors in the first cycle.
- Engineering software, CAD/Revit templates, digital tools, and corporate standards must be adjusted because they all embed NEC article numbers.
- Insurance, compliance, inspectors, and risk engineering documents would need rewriting since they rely on NEC numbering for audits, inspections, and underwriting.
- Cross-disciplinary trades lose a shared reference language when long established NEC article numbers are replaced, complicating coordination across multiple specialties.

Submitter Information Verification

Submitter Full Name: Mike Starr
Organization: Cerio
Street Address:
City:

State:
Zip:
Submittal Date: Wed Mar 25 10:32:47 EDT 2026
Committee: NEC-P01

Public Input No. 2933-NFPA 70-2026 [Section No. L.1]

L.1 Introduction.

Informative Annex L is the proposed organization for the 2029 edition of the *National Electrical Code*. This proposed organization has been developed by the National Electrical Code Correlating Committee and was approved for public review at their January 2025 meeting. For more information on this initiative please visit www.nfpa.org/70.

Table L.1 Proposed Organization of the 2029 *National Electrical Code*

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number	
Introduction	90	90	90	
Chapter 1 Definitions and General Requirements	**2023**	**2026**	**2029**	
Definitions	100	100	100	
General Requirements for Electrical Installations	110	110	110	
Load Calculations	220	120	120	
Energy Management and Power Control	750	130	130	
Chapter 2 Wiring and Protection for Systems 1000 Vac, 1500 Vdc and Below (Excluding Chapter 4 Systems)	**2023**	**2026**	**2029**	
General Requirements	300	300	200	
Conductors	310	310	205	
Use and Identification of Grounded Conductors	200	200	206	
Remote Control, Signaling, Class 1 Circuits	206	206	208	
Branch Circuits	210	210	210	
Feeders	215	215	215	
Outside Branch Circuits and Feeders	225	225	225	
Services	230	230	230	
Overcurrent Protection	240	240	240	
Overvoltage Protection	242	242	242	
Grounding and Bonding	250	250	250	
Chapter 3 Wiring and Protection for Systems Over 1000 Vac, 1500 Vdc	**2023**	**2026**	**2029**	
General Requirements	305	305	300	
Conductors and Cables	315	315	305	
Use and Identification of Grounded Conductors	-	-		306
Branch Circuits	235	265	310	
Feeders	235	266	315	
Outside Branch Circuits and Feeders	235	267	325	
Services	235	268	330	
Overcurrent Protection	245	245	340	
Overvoltage Protection	242 (Part III)	242 (Part III)	342	
Grounding and Bonding	250 (Part X)	270	350	
Chapter 4 Wiring and Protection for Limited Energy Systems	**2023**	**2026**	**2029**	
General Requirements for Limited-Energy System Wiring Methods and Materials	300	720	400	
Limited-Energy Cables	722	722	405	
Raceways, Cable Routing Assemblies, and Cable Trays of Limited-Energy Systems	800, 805, 810, 820, 830, 840	723	406	

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number	
Class 2 and Class 3 Limited-Energy Systems	725	725	410	
Class 4 Fault-Managed Power Systems	726	726	411	
Communication Systems — Outside Entering Buildings Part I — Communication Systems Part II — Antenna Systems Part III — CATV Part IV — Networked-Powered Broadband Communication Systems Part V — Premises-Powered Broadband Communication Systems	800, 805, 810, 820, 830, 840	800, 810, 820, 830	430	
Power Sources of Limited-Energy Systems	725, 726, 820, 830, 840	721	440	
Overvoltage Protection of Limited-Energy Systems	-		742	442
Grounding and Bonding of Limited-Energy Systems	805, 810, 820, 830, 840	750	450	
Chapter 5 Power Production and Energy Storage Systems	**2023**	**2026**	**2029**	
Interconnected Systems	705	705	500	
Generators	445	445	502	
Stationary Standby Batteries	480	480	504	
Solar Photovoltaic (PV) Systems	690	690	506	
Large-Scale Photovoltaic (PV) Electric Supply Stations	691	691	508	
Fuel Cell Systems	692	692	510	
Wind Electric Systems	694	694	512	
Energy Storage Systems	706	706	514	
Stand-Alone Systems	710	710	516	
Optional Standby Systems	702	702	518	
Chapter 6 Enclosures and Wiring Support Structures	**2023**	**2026**	**2029**	
Cabinets, Cutout Boxes, and Meter Socket Enclosures	312	312	600	
Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings; and Handhole Enclosures	314	314	602	
Cable Trays	392	392	604	
Auxiliary Gutters	366	366	606	
Metal Wireways	376	376	608	
Nonmetallic Wireways	378	378	610	
Nonmetallic Extensions	382	382	612	
Chapter 7 Wire and Cable	**2023**	**2026**	**2029**	
Armored Cable: Type AC	320	320	700	
Flat Cable Assemblies: Type FC	322	322	702	
Flat Conductor Cable: Type FCC	324	324	704	
Integrated Gas Spacer Cable: Type IGS	326	326	706	
Metal-Clad Cable: Type MC	330	330	708	
Mineral-Insulated, Metal-Sheathed Cable: Type MI	332	332	710	

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Nonmetallic-Sheathed Cable: Types NM and NMC	334	334	712
Optical Fiber Cables	770	722 (Part VII)	714
Instrumentation Tray Cable: Type ITC	335	335	716
Power and Control Tray Cable: Type TC	336	336	718
Type P Cable	337	337	720
Service-Entrance Cable: Types SE and USE	338	338	722
Underground Feeder and Branch-Circuit Cable: Type UF	340	340	724
Flexible Cords and Flexible Cables	400	400	726
Fixture Wires	402	402	728
Chapter 8 Circular Raceways (Conduit and Tubing)	**2023**	**2026**	**2029**
Intermediate Metal Conduit: Type IMC	342	342	800
Rigid Metal Conduit: Type RMC	344	344	802
Flexible Metal Conduit: Type FMC	348	348	804
Liquidtight Flexible Metal Conduit: Type LFMC	350	350	806
Rigid Polyvinyl Chloride Conduit: Type PVC	352	352	808
High Density Polyethylene Conduit: Type HDPE Conduit	353	353	810
Nonmetallic Underground Conduit with Conductors: Type NUCC	354	354	812
Reinforced Thermosetting Resin Conduit: Type RTRC	355	355	814
Liquidtight Flexible Nonmetallic Conduit: Type LFNC	356	356	816
Electrical Metallic Tubing: Type EMT	358	358	818
Flexible Metallic Tubing: Type FMT	360	360	820
Electrical Nonmetallic Tubing: Type ENT	362	362	822
Chapter 9 Noncircular Raceways	**2023**	**2026**	**2029**
Cellular Concrete Floor Raceways	372	372	900
Cellular Metal Floor Raceways	374	374	902
Strut-Type Channel Raceway	384	384	904
Surface Metal Raceways	386	386	906
Surface Nonmetallic Raceways	388	388	908
Underfloor Raceways	390	390	910
Chapter 10 Power Systems	**2023**	**2026**	**2029**
Busways	368	368	1000
Cablebus	370	370	1002
Insulated Bus Pipe (IBP) and Tubular Covered Conductors (TCC)	369	369	1004
Flexible Bus System	371	371	1006
Multioutlet Assembly	380	380	1008
Low-Voltage Suspended Ceiling Power Distribution Systems	393	393	1010
Manufactured Wiring Systems	604	604	1012

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Office Furnishings	605	605	1014
Chapter 11 Temporary and Open Wiring	**2023**	**2026**	**2029**
Temporary Installations	590	590	1100
Messenger-Supported Wiring	396	396	1102
Open Wiring on Insulators	398	398	1104
Concealed Knob and Tube Wiring	394	394	1106
Chapter 12 Devices and Distribution Equipment	**2023**	**2026**	**2029**
Switches	404	404	1200
Wiring Devices	406	406	1202
Switchboards, Switchgear, and Panelboards	408	408	1204
Industrial Control Panels	409	409	1206
Transformers and Transformer Vaults	450	450	1208
Capacitors	460	460	1210
Resistors and Reactors	470	470	1212
Chapter 13 Lighting Equipment	**2023**	**2026**	**2029**
Luminaires, Lampholders, and Lamps	410	410	1300
Low-Voltage Lighting	411	411	1302
Electric Signs and Outline Lighting	600	600	1304
Chapter 14 Motors and Motor-Driven Machinery	**2023**	**2026**	**2029**
Motors, Motor Circuits, and Controller	430	430	1400
Cranes and Hoists	610	610	1402
Elevators, Dumbwaiters, Escalators, Moving Walks, Platform Lifts, and Stairway Chairlifts	620	620	1404
Electrically Driven or Controlled Irrigation Machines	675	675	1406
Air-Conditioning and Refrigeration Equipment	440	440	1408
Industrial Machinery	670	670	1410
Phase Converters	455	455	1412
Chapter 15 Electric Heating and Heating Equipment	**2023**	**2026**	**2029**
Fixed Electric Space Heating Equipment	424	424	1500
Fixed Resistance and Electrode Industrial Process Heating	-	-	-
Equipment	425	425	1502
Fixed Outdoor Electric Deicing and Snow-Melting Equipment	426	426	1504
Fixed Electric Heating Equipment for Pipelines and Vessels	427	427	1506
Induction and Dielectric Heating Equipment	665	665	1508
Chapter 16 Other Equipment	**2023**	**2026**	**2029**
Appliances	422	422	1600
Electric Welders	630	630	1602
Pipe Organs	650	650	1604

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Information Technology Equipment	645	645	1606
Modular Data Centers	646	646	1608
Electrolytic Cells	668	668	1610
Electroplating	669	669	1612
Integrated Electrical Systems	685	685	1614
Sensitive Electronic Equipment	647	647	1616
Audio Signal Processing, Amplification, and Reproduction	-	-	-
Equipment	640	640	1618
X-Ray Equipment	660	660	1620
Chapter 17 Equipment Over 1000 Vac, 1500 Vdc	**2023**	**2026**	**2029**
General	495 (Part I, II)	495 (Part I, II)	1700
Switchgear and Industrial Control Assemblies	495 (Part III)	495 (Part III)	1702
Mobile and Portable Equipment	495 (Part IV)	495 (Part IV)	1704
Boilers	495 (Part V)	495 (Part V)	1706
Motors, Motor Circuits, and Controllers	430 (Part XI)	430 (Part XI)	1708
Capacitors	460 (Part III)	460 (Part III)	1710
Resistors and Reactors	470 (Part III)	470 (Part III)	1712
Chapter 18 Hazardous Locations	**2023**	**2026**	**2029**
Hazardous (Classified) Locations, Classes I, II, and III, Divisions 1 and 2	500	500	1800
Class I Locations	501	501	1801
Class II Locations	502	502	1802
Class III Locations	503	503	1803
Intrinsically Safe Systems	504	504	1804
Zone 0, 1, and 2 Locations	505	505	1805
Zone 20, 21, and 22 Locations for Combustible Dusts or Ignitible Fibers/Flyings	506	506	1806
Commercial Garages, Repair and Storage	511	511	1811
Cannabis Oil Equipment and Cannabis Oil Systems Using	-	-	-
Flammable or Combustible Materials	512	512	1812
Aircraft Hangars	513	513	1813
Motor Fuel Dispensing Facilities	514	514	1814
Bulk Storage Plants	515	515	1815
Spray Application, Dipping, Coating, and Printing Processes	-	-	-
Using Flammable or Combustible Materials	516	516	1816
Chapter 19 Occupancies	**2023**	**2026**	**2029**
Industrial Occupancy	517	517	1900
Health Care Facilities			
Assembly Occupancies	518	518	1902
Theaters, Audience Areas of Motion Picture and Television Studios, Performance Areas,	520	520	1904

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number	
and Similar Locations				
Control Systems for Permanent Amusement Attractions	522	522	1906	
Carnivals, Circuses, Fairs, and Similar Events	525	525	1908	
Motion Picture and Television Studios and Similar Locations	530	530	1910	
Motion Picture Projection Rooms	540	540	1912	
Manufactured Buildings and Relocatable Structures	545	545	1914	
Agricultural Buildings	547	547	1916	
Mobile Homes, Manufactured Homes, and Mobile Home Parks	550	550	1918	
Recreational Vehicles and Recreational Vehicle Parks	551	551	1920	
Park Trailers	552	552	1922	
Chapter 20 Installations Associated with Bodies of Water	**2023**	**2026**	**2029**	
Swimming Pools, Fountains, and Similar Installations	680	680	2000	
Natural and Artificially Made Bodies of Water	682	682	2002	
Marinas, Boatyards, Floating Buildings, and Docking Facilities	555	555	2004	
Chapter 21 Life Safety and Emergency Systems	**2023**	**2026**	**2029**	
Emergency Systems	700	700	2100	
Legally Required Standby Systems	701	701	2102	
Fire Pumps	695	695	2104	
Fire Alarm Systems	760	760	2106	
Circuit Integrity Cables and Electrical Protective Systems (Fire-Resistive Cable Systems)	728	722 (Part IX), 772	2108	
Critical Operations Power Systems (COPS)	708	708	2110	
Chapter 22 Electrified Transportation Equipment	**2023**	**2026**	**2029**	
Electric Vehicle Power Transfer System	625	625	2200	
Electric Self-Propelled Vehicle Power Transfer System (ESVSEs)	-		624	2202
Electrified Truck Parking Spaces	626	626	2204	
Chapter 30 Tables	**Chapter 9**	**Chapter 9**	**Chapter 30**	
Informative Annexes	**Informative Annexes**	**Informative Annexes**	**Informative Annexes**	

Statement of Problem and Substantiation for Public Input

Industrial occupancy requirements are scattered through out the code consider consolidation into an Article.

Submitter Information Verification

Submitter Full Name: Alfio Torrisi
Organization: Vector Resource Corporation
Street Address:
City:
State:
Zip:
Submittal Date: Tue Apr 07 09:45:53 EDT 2026
Committee: NEC-P01

Public Input No. 3172-NFPA 70-2026 [Section No. L.1]

L.1 Introduction.

Informative Annex L is the proposed organization for the 2029 edition of the *National Electrical Code*. This proposed organization has been developed by the National Electrical Code Correlating Committee and was approved for public review at their January 2025 meeting. For more information on this initiative please visit www.nfpa.org/70.

Table L.1 Proposed Organization of the 2029 *National Electrical Code*

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number	
Introduction	90	90	90	
Chapter 1 Definitions and General Requirements	**2023**	**2026**	**2029**	
Definitions	100	100	100	
General Requirements for Electrical Installations	110	110	110	
Load Calculations	220	120	120	
Energy Management and Power Control	750	130	130	
Chapter 2 Wiring and Protection for Systems 1000 Vac, 1500 Vdc and Below (Excluding Chapter 4 Systems)	**2023**	**2026**	**2029**	
General Requirements	300	300	200	
Conductors	310	310	205	
Use and Identification of Grounded Conductors	200	200	206	
Remote Control, Signaling, Class 1 Circuits	206	206	208	
Branch Circuits	210	210	210	
Feeders	215	215	215	
Outside Branch Circuits and Feeders	225	225	225	
Services	230	230	230	
Overcurrent Protection	240	240	240	
Overvoltage Protection	242	242	242	
Grounding and Bonding	250	250	250	
Chapter 3 Wiring and Protection for Systems Over 1000 Vac, 1500 Vdc	**2023**	**2026**	**2029**	
General Requirements	305	305	300	
Conductors and Cables	315	315	305	
Use and Identification of Grounded Conductors	-	-		306
Branch Circuits	235	265	310	
Feeders	235	266	315	
Outside Branch Circuits and Feeders	235	267	325	
Services	235	268	330	
Overcurrent Protection	245	245	340	
Overvoltage Protection	242 (Part III)	242 (Part III)	342	
Grounding and Bonding	250 (Part X)	270	350	
Chapter 4 Wiring and Protection for Limited Energy Systems	**2023**	**2026**	**2029**	
General Requirements for Limited-Energy System Wiring Methods and Materials	300	720	400	
Limited-Energy Cables	722	722	405	
Raceways, Cable Routing Assemblies, and Cable Trays of Limited-Energy Systems	800, 805, 810, 820, 830, 840	723	406	

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number	
Class 2 and Class 3 Limited-Energy Systems	725	725	410	
Class 4 Fault-Managed Power Systems	726	726	411	
Communication Systems — Outside Entering Buildings Part I — Communication Systems Part II — Antenna Systems Part III — CATV Part IV — Networked-Powered Broadband Communication Systems Part V — Premises-Powered Broadband Communication Systems	800, 805, 810, 820, 830, 840	800, 810, 820, 830	430	
Power Sources of Limited-Energy Systems	725, 726, 820, 830, 840	721	440	
Overvoltage Protection of Limited-Energy Systems	-		742	442
Grounding and Bonding of Limited-Energy Systems	805, 810, 820, 830, 840	750	450	
Chapter 5 Power Production and Energy Storage Systems	**2023**	**2026**	**2029**	
Optional Standby Systems	702	702	500	
Stand-Alone Systems	710	710	502	
Interconnected Systems	705	705~~500~~	504	
Generators	445	445~~502~~	506	
Stationary Standby Batteries	480	480~~504~~	508	
Solar Photovoltaic (PV) Systems	690	690~~506~~	510	
Large-Scale Photovoltaic (PV) Electric Supply Stations	691	691~~508~~	512	
Fuel Cell Systems	692	692~~510~~	514	
Wind Electric Systems	694	694~~512~~	516	
Energy Storage Systems	706	706	~~514~~	
~~Stand-Alone Systems~~	~~710~~	~~710~~	~~516~~	
~~Optional Standby Systems~~	~~702~~	~~702~~		
518				
Chapter 6 Enclosures and Wiring Support Structures	**2023**	**2026**	**2029**	
Cabinets, Cutout Boxes, and Meter Socket Enclosures	312	312	600	
Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings; and Handhole Enclosures	314	314	602	
Cable Trays	392	392	604	
Auxiliary Gutters	366	366	606	
Metal Wireways	376	376	608	
Nonmetallic Wireways	378	378	610	
Nonmetallic Extensions	382	382	612	
Chapter 7 Wire and Cable	**2023**	**2026**	**2029**	
Armored Cable: Type AC	320	320	700	
Flat Cable Assemblies: Type FC	322	322	702	
Flat Conductor Cable: Type FCC	324	324	704	
Integrated Gas Spacer Cable: Type IGS	326	326	706	

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Metal-Clad Cable: Type MC	330	330	708
Mineral-Insulated, Metal-Sheathed Cable: Type MI	332	332	710
Nonmetallic-Sheathed Cable: Types NM and NMC	334	334	712
Optical Fiber Cables	770	722 (Part VII)	714
Instrumentation Tray Cable: Type ITC	335	335	716
Power and Control Tray Cable: Type TC	336	336	718
Type P Cable	337	337	720
Service-Entrance Cable: Types SE and USE	338	338	722
Underground Feeder and Branch-Circuit Cable: Type UF	340	340	724
Flexible Cords and Flexible Cables	400	400	726
Fixture Wires	402	402	728
Chapter 8 Circular Raceways (Conduit and Tubing)	**2023**	**2026**	**2029**
Intermediate Metal Conduit: Type IMC	342	342	800
Rigid Metal Conduit: Type RMC	344	344	802
Flexible Metal Conduit: Type FMC	348	348	804
Liquidtight Flexible Metal Conduit: Type LFMC	350	350	806
Rigid Polyvinyl Chloride Conduit: Type PVC	352	352	808
High Density Polyethylene Conduit: Type HDPE Conduit	353	353	810
Nonmetallic Underground Conduit with Conductors: Type NUCC	354	354	812
Reinforced Thermosetting Resin Conduit: Type RTRC	355	355	814
Liquidtight Flexible Nonmetallic Conduit: Type LFNC	356	356	816
Electrical Metallic Tubing: Type EMT	358	358	818
Flexible Metallic Tubing: Type FMT	360	360	820
Electrical Nonmetallic Tubing: Type ENT	362	362	822
Chapter 9 Noncircular Raceways	**2023**	**2026**	**2029**
Cellular Concrete Floor Raceways	372	372	900
Cellular Metal Floor Raceways	374	374	902
Strut-Type Channel Raceway	384	384	904
Surface Metal Raceways	386	386	906
Surface Nonmetallic Raceways	388	388	908
Underfloor Raceways	390	390	910
Chapter 10 Power Systems	**2023**	**2026**	**2029**
Busways	368	368	1000
Cablebus	370	370	1002
Insulated Bus Pipe (IBP) and Tubular Covered Conductors (TCC)	369	369	1004
Flexible Bus System	371	371	1006
Multioutlet Assembly	380	380	1008

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Low-Voltage Suspended Ceiling Power Distribution Systems	393	393	1010
Manufactured Wiring Systems	604	604	1012
Office Furnishings	605	605	1014
Chapter 11 Temporary and Open Wiring	**2023**	**2026**	**2029**
Temporary Installations	590	590	1100
Messenger-Supported Wiring	396	396	1102
Open Wiring on Insulators	398	398	1104
Concealed Knob and Tube Wiring	394	394	1106
Chapter 12 Devices and Distribution Equipment	**2023**	**2026**	**2029**
Switches	404	404	1200
Wiring Devices	406	406	1202
Switchboards, Switchgear, and Panelboards	408	408	1204
Industrial Control Panels	409	409	1206
Transformers and Transformer Vaults	450	450	1208
Capacitors	460	460	1210
Resistors and Reactors	470	470	1212
Chapter 13 Lighting Equipment	**2023**	**2026**	**2029**
Luminaires, Lampholders, and Lamps	410	410	1300
Low-Voltage Lighting	411	411	1302
Electric Signs and Outline Lighting	600	600	1304
Chapter 14 Motors and Motor-Driven Machinery	**2023**	**2026**	**2029**
Motors, Motor Circuits, and Controller	430	430	1400
Cranes and Hoists	610	610	1402
Elevators, Dumbwaiters, Escalators, Moving Walks, Platform Lifts, and Stairway Chairlifts	620	620	1404
Electrically Driven or Controlled Irrigation Machines	675	675	1406
Air-Conditioning and Refrigeration Equipment	440	440	1408
Industrial Machinery	670	670	1410
Phase Converters	455	455	1412
Chapter 15 Electric Heating and Heating Equipment	**2023**	**2026**	**2029**
Fixed Electric Space Heating Equipment	424	424	1500
Fixed Resistance and Electrode Industrial Process Heating	-	-	-
Equipment	425	425	1502
Fixed Outdoor Electric Deicing and Snow-Melting Equipment	426	426	1504
Fixed Electric Heating Equipment for Pipelines and Vessels	427	427	1506
Induction and Dielectric Heating Equipment	665	665	1508
Chapter 16 Other Equipment	**2023**	**2026**	**2029**

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number
Appliances	422	422	1600
Electric Welders	630	630	1602
Pipe Organs	650	650	1604
Information Technology Equipment	645	645	1606
Modular Data Centers	646	646	1608
Electrolytic Cells	668	668	1610
Electroplating	669	669	1612
Integrated Electrical Systems	685	685	1614
Sensitive Electronic Equipment	647	647	1616
Audio Signal Processing, Amplification, and Reproduction	-	-	-
Equipment	640	640	1618
X-Ray Equipment	660	660	1620
Chapter 17 Equipment Over 1000 Vac, 1500 Vdc	**2023**	**2026**	**2029**
General	495 (Part I, II)	495 (Part I, II)	1700
Switchgear and Industrial Control Assemblies	495 (Part III)	495 (Part III)	1702
Mobile and Portable Equipment	495 (Part IV)	495 (Part IV)	1704
Boilers	495 (Part V)	495 (Part V)	1706
Motors, Motor Circuits, and Controllers	430 (Part XI)	430 (Part XI)	1708
Capacitors	460 (Part III)	460 (Part III)	1710
Resistors and Reactors	470 (Part III)	470 (Part III)	1712
Chapter 18 Hazardous Locations	**2023**	**2026**	**2029**
Hazardous (Classified) Locations, Classes I, II, and III, Divisions 1 and 2	500	500	1800
Class I Locations	501	501	1801
Class II Locations	502	502	1802
Class III Locations	503	503	1803
Intrinsically Safe Systems	504	504	1804
Zone 0, 1, and 2 Locations	505	505	1805
Zone 20, 21, and 22 Locations for Combustible Dusts or Ignitible Fibers/Flyings	506	506	1806
Commercial Garages, Repair and Storage	511	511	1811
Cannabis Oil Equipment and Cannabis Oil Systems Using	-	-	-
Flammable or Combustible Materials	512	512	1812
Aircraft Hangars	513	513	1813
Motor Fuel Dispensing Facilities	514	514	1814
Bulk Storage Plants	515	515	1815
Spray Application, Dipping, Coating, and Printing Processes	-	-	-
Using Flammable or Combustible Materials	516	516	1816
Chapter 19 Occupancies	**2023**	**2026**	**2029**
Health Care Facilities	517	517	1900
Assembly Occupancies	518	518	1902

Chapters and Articles (1/16/2025)	2023 Article Number	2026 Article Number	2029 Article Number	
Theaters, Audience Areas of Motion Picture and Television Studios, Performance Areas, and Similar Locations	520	520	1904	
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Recreational Vehicles and Recreational Vehicle Parks	551	551	1920	
Park Trailers	552	552	1922	
Chapter 20 Installations Associated with Bodies of Water	**2023**	**2026**	**2029**	
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Marinas, Boatyards, Floating Buildings, and Docking Facilities	555	555	2004	
Chapter 21 Life Safety and Emergency Systems	**2023**	**2026**	**2029**	
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Legally Required Standby Systems	701	701	2102	
Fire Pumps	695	695	2104	
Fire Alarm Systems	760	760	2106	
Circuit Integrity Cables and Electrical Protective Systems (Fire-Resistive Cable Systems)	728	722 (Part IX), 772	2108	
Critical Operations Power Systems (COPS)	708	708	2110	
Chapter 22 Electrified Transportation Equipment	**2023**	**2026**	**2029**	
Electric Vehicle Power Transfer System	625	625	2200	
Electric Self-Propelled Vehicle Power Transfer System (ESVSEs)	-		624	2202
Electrified Truck Parking Spaces	626	626	2204	
Chapter 30 Tables	**Chapter 9**	**Chapter 9**	**Chapter 30**	
Informative Annexes	**Informative Annexes**	**Informative Annexes**	**Informative Annexes**	

Additional Proposed Changes

File Name	Description	Approved
NFPA_70_-_2029_-_PI_3172_-_Chapter_5_Article_Sequence.pdf		

Statement of Problem and Substantiation for Public Input

The sequence of articles in Chapter 5 needs to be updated such that the requirements for installation types (applications) are all grouped together and located at the beginning of the chapter. Then, the requirements for all equipment types would follow. Doing so creates a natural process of considering the requirements for installation type prior to considering requirements for the equipment being installed.

I would recommend one of two options; Optional Standby, Stand-Alone, Interconnected or Optional Standby, Interconnected, Stand-Alone.

Both recommended options lead with Optional Standby as this is the most prevalent application. The recommended change would be to place Interconnected as the 3rd item, placing it after Optional Standby plus Stand-Alone and before the subsequent equipment types. This would seem logical since some of the requirements in Interconnected may be relevant in addition to one of the preceding two installation types.

Submitter Information Verification

Submitter Full Name: Curtis Flint

Organization: Generac Power Systems, Inc.

Street Address:

City:

State:

Zip:

Submittal Date: Wed Apr 08 11:12:22 EDT 2026

Committee: NEC-P01

Proposed Code Change:

Chapter 5 Power Production and Energy Storage Systems	2023	2026	2029
Optional Standby Systems	702	702	500
Stand-Alone Systems	710	710	502
Interconnected Systems	705	705	~~500~~504
Generators	445	445	~~502~~506
Stationary Standby Batteries	480	480	~~504~~508
Solar Photovoltaic (PV) Systems	690	690	~~506~~510
Large-Scale Photovoltaic (PV) Electric Supply Stations	691	691	~~508~~512
Fuel Cell Systems	692	692	~~510~~514
Wind Electric Systems	694	694	~~512~~516
Energy Storage Systems	706	706	~~514~~518
~~Stand-Alone Systems~~	~~710~~	~~710~~	~~516~~
~~Optional Standby Systems~~	~~702~~	~~702~~	~~518~~

Substantiation:

The sequence of articles in Chapter 5 needs to be updated such that the requirements for installation types (applications) are all grouped together and located at the beginning of the chapter. Then, the requirements for all equipment types would follow. Doing so creates a natural process of considering the requirements for installation type prior to considering requirements for the equipment being installed.

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Public Input No. 1894-NFPA 70-2026 [Section No. Table]

~~**Table 10**~~

~~Table 10 Conductor Stranding~~

~~Number of Strands~~	~~Conductor Size~~		~~Copper~~		~~Aluminum~~	
	~~AWG or kcmil~~	~~mm~~ ~~2~~	~~Class B~~ ~~a~~	~~Class C~~	~~Class B~~ ~~a~~	~~Class C~~
~~24–30~~	~~0.20–0.05~~	~~b~~	—	—	—	—
~~22~~	~~0.32~~	~~7~~	—	—	—	—
~~20~~	~~0.52~~	~~10~~	—	—	—	—
~~18~~	~~0.82~~	~~16~~	—	—	—	—
~~16~~	~~1.3~~	~~26~~	—	—	—	—
~~14–2~~	~~2.1–33.6~~	~~7~~	~~19~~	~~7~~	~~c~~	~~1–4/0~~
~~42.4–107~~	~~19~~	~~37~~	~~19~~	~~250–500~~	~~127–253~~	~~37~~
~~61~~	~~37~~	~~600–1000~~	~~304–508~~	~~61~~	~~91~~	~~61~~
~~1250–1500~~	~~635–759~~	~~91~~	~~127~~	~~91~~	~~1750–2000~~	~~886–1016~~
~~127~~	~~271~~	~~127~~				

~~a Conductors with a lesser number of strands shall be permitted based on an evaluation for connectability and bending.~~

~~b Number of strands vary.~~

~~c Aluminum 14 AWG (2.1 mm~~ ~~2~~ ~~) is not available.~~

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Statement of Problem and Substantiation for Public Input

This is a Related PI where the content of Table 10 (as modified by that Related PI) is relocated to the Section where the requirement exists (110.14).

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1893-NFPA 70-2026 [Section No. 110.14 [Excluding any Sub-Sections]]	

Submitter Information Verification

Submitter Full Name: Robert Osborne
Organization: UL Solutions
Street Address:
City:
State:
Zip:
Submittal Date: Wed Mar 25 08:34:16 EDT 2026
Committee: NEC-P01