



First Revision No. 6-NFPA 35-2024 [Section No. 2.2]

2.2 NFPA Publications.

National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471.

NFPA 10, *Standard for Portable Fire Extinguishers*, ~~2018~~ 2026 edition.

NFPA 11, *Standard for Low-, Medium-, and High-Expansion Foam*, ~~2016~~ 2024 edition.

NFPA 13, *Standard for the Installation of Sprinkler Systems*, ~~2019~~ 2025 edition.

NFPA 14, *Standard for the Installation of Standpipe and Hose Systems*, ~~2019~~ 2024 edition.

NFPA 15, *Standard for Water Spray Fixed Systems for Fire Protection*, ~~2017~~ 2022 edition.

~~NFPA 16, *Standard for the Installation of Foam-Water Sprinkler and Foam-Water Spray Systems*, 2019 edition.~~

NFPA 18A, *Standard on Water Additives for Fire Control and Vapor Mitigation*, 2022 edition.

NFPA 24, *Standard for the Installation of Private Fire Service Mains and Their Appurtenances*, ~~2019~~ 2025 edition.

NFPA 25, *Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems*, ~~2020~~ 2026 edition.

NFPA 30, *Flammable and Combustible Liquids Code*, ~~2021~~ 2024 edition.

NFPA 70[®], *National Electrical Code*[®], ~~2020~~ 2026 edition.

NFPA 101[®], *Life Safety Code*[®], ~~2021~~ 2024 edition.

NFPA 221, *Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls*, ~~2021~~ 2024 edition.

NFPA 252, *Standard Methods of Fire Tests of Door Assemblies*, ~~2017~~ 2022 edition.

NFPA 257, *Standard on Fire Test for Window and Glass Block Assemblies*, ~~2017~~ 2022 edition.

NFPA 400, *Hazardous Materials Code*, ~~2019~~ 2025 edition.

NFPA 496, *Standard for Purged and Pressurized Enclosures for Electrical Equipment*, ~~2021~~ 2024 edition.

NFPA 505, *Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations*, ~~2018~~ 2024 edition.

NFPA 780, *Standard for the Installation of Lightning Protection Systems*, ~~2020~~ 2026 edition.

NFPA 5000[®], *Building Construction and Safety Code*[®], ~~2021~~ 2024 edition.

Submitter Information Verification

Committee: MAC-AAA

Submittal Date: Tue Mar 26 16:14:56 EDT 2024

Committee Statement

Committee Statement: The referenced NFPA Codes and Standards are updated to the current edition. The Committee added a reference to NFPA 18A (see related action in First Revision no.1-NFPA 35-2024).

**Response
Message:**

FR-6-NFPA 35-2024



First Revision No. 7-NFPA 35-2024 [Section No. 2.3]

2.3 Other Publications.

2.3.1 ASTM Publications.

ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959.

ASTM D5/D5M, *Standard Test Method for Penetration of Bituminous Materials*, ~~2013~~ 2020.

ASTM D56, *Standard Test Method for Flash Point by Tag Closed Cup Tester*, ~~2016a~~ 2021.

ASTM D86, *Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure*, ~~2018~~ 2020b.

ASTM D92, *Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester*, 2018.

ASTM D93, *Standard Test Methods for Flash Point by Pensky–Martens Closed Cup Tester*, ~~2018~~ 2020.

ASTM D323, *Standard Test Method for Vapor Pressure of Petroleum Products (Reid Method)*, ~~2015a~~ 2020a.

ASTM D3278, *Standard Test Methods for Flash Point of Liquids by Small Scale Closed-Cup Apparatus*, 1996, reapproved ~~2011~~ 2021.

ASTM D3828, *Standard Test Methods for Flash Point by Small Scale Closed Cup Tester*, 2016a, (reapproved 2021).

ASTM D4359, *Standard Test Method for Determining Whether a Material Is a Liquid or a Solid*, 1990, (reapproved ~~2012~~ 2019).

ASTM E119, *Standard Test Methods for Fire Tests of Building Construction and Materials*, ~~2018ee1~~ 2020.

2.3.2 UL Publications.

Underwriters Laboratories Inc., 333 Pfingsten Road, Northbrook, IL 60062-2096.

UL 9, *Fire Tests of Window Assemblies*, ~~2009~~, revised ~~2015~~ 2020.

UL 10B, *Fire Tests of Door Assemblies*, ~~2008~~, revised ~~2015~~ 2020.

UL 10C, *Positive Pressure Fire Tests of Door Assemblies*, 2016, revised 2021.

UL 263, *Fire Tests of Building Construction and Materials*, 2011, revised ~~2019~~ 2022.

2.3.3 US Government Publications.

US Government Publishing Office, 732 North Capitol Street, NW, Washington, DC 20401-0001.

Title 29, Code of Federal Regulations, Part 1910.146, "Permit-Required Confined Spaces."

Title 29, Code of Federal Regulations, Part 1910.147, "The Control of Hazardous Energy (Lockout/Tagout)."

2.3.4 Other Publications.

Merriam-Webster's Collegiate Dictionary, 11th edition, Merriam-Webster, Inc., Springfield, MA, ~~2003~~ 2020.

Submitter Information Verification

Committee: MAC-AAA

Submittal Date: Tue Mar 26 16:32:12 EDT 2024

Committee Statement

Committee Statement: The referenced publications are updated to the current edition. This revision includes the update of UL publications as submitted in Public Input No.1-NFPA 35-2023, Section No. 2.3.2.

Response Message: FR-7-NFPA 35-2024



First Revision No. 8-NFPA 35-2024 [Section No. 2.4]

2.4 References for Extracts in Mandatory Sections.

NFPA 30, *Flammable and Combustible Liquids Code*, ~~2021~~ 2024 edition.

NFPA 326, *Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair*, ~~2020~~ 2025 edition.

NFPA 5000[®] *Building Construction and Safety Code*[®], ~~2021~~ 2024 edition.

Submitter Information Verification

Committee: MAC-AAA

Submittal Date: Tue Mar 26 16:39:55 EDT 2024

Committee Statement

Committee Statement: The referenced publications for extracts are updated to the current edition.

Response Message: FR-8-NFPA 35-2024



First Revision No. 16-NFPA 35-2024 [Section No. 3.3.14]

3.3.14 Liquid_(Physical State).

Any material that (1) has a fluidity greater than that of 300 penetration asphalt when tested in accordance with ASTM D5/D5M , *Standard Test Method for Penetration of Bituminous Materials*, or (2) is a viscous substance for which a specific melting point cannot be determined but that is determined to be a liquid in accordance with ASTM D4359, *Standard Test Method for Determining Whether a Material Is a Liquid or a Solid*. [30,2024 2024]

Submitter Information Verification

Committee: MAC-AAA

Submittal Date: Tue Mar 26 17:02:56 EDT 2024

Committee Statement

Committee Statement: The the definition and referenced publication for extracted text are updated to the current edition.

Response Message: FR-16-NFPA 35-2024



First Revision No. 4-NFPA 35-2024 [Section No. 3.3.22]

3.3.22 Protection for Exposures.

Fire protection for structures on property adjacent to [an organic coatings manufacturing facility] that is provided by (1) a public fire department or (2) a private fire brigade maintained on the property adjacent to the organic coatings manufacturing facility, either of which is capable of providing cooling water streams to protect the property adjacent to the organic coatings manufacturing facility. ~~{ 30, -2024 }~~

Submitter Information Verification

Committee: MAC-AAA

Submittal Date: Tue Mar 26 11:42:46 EDT 2024

Committee Statement

Committee Statement: The Committee reviewed the changes made to the original extracted definition within the source document and determined that the definition should be unique to NFPA 35.

Response Message: FR-4-NFPA 35-2024



First Revision No. 1-NFPA 35-2024 [Section No. 11.2.2]

11.2.2

An automatic sprinkler system shall be permitted to be equipped with firefighting foam or water additive that is compatible with the materials protected. Such systems shall be designed in accordance with one of the following:

- (1) NFPA 11
- (2) NFPA 13
NFPA-16
- (3) NFPA 18A

Supplemental Information

<u>File Name</u>	<u>Description</u>	<u>Approved</u>
35_FR-1_11.2.2.docx	For prod use	

Submitter Information Verification

Committee: MAC-AAA

Submittal Date: Tue Mar 26 10:58:38 EDT 2024

Committee Statement

Committee Statement: The Committee agreed with the submitter proposal to add a reference for NFPA 18A to allow the option for the use of water additives in the requirement. The Committee did not accept the inclusion of the reference to NFPA 15 because there was no substantiation provided by the submitter for its inclusion in this requirement.

Response Message: FR-1-NFPA 35-2024

[Public Input No. 4-NFPA 35-2024 \[Section No. 11.2.2\]](#)



First Revision No. 22-NFPA 35-2024 [Section No. A.3.4.1]

A.3.4.1 Scope. [🔗](#)

Certain mixtures of flammable or combustible (ignitable) liquids and halogenated hydrocarbons either do not exhibit a FP using the standard closed-cup test methods or will exhibit elevated FP. However, if the halogenated hydrocarbon is the more volatile component, preferential evaporation of this component can result in a liquid that does have a FP or has a FP that is lower than the original mixture. In order to evaluate the fire hazard of such mixtures, FP tests should be conducted after fractional evaporation of 10, 20, 40, 60, or even 90 percent of the original sample or other fractions representative of the conditions of use. For systems such as open process tanks or spills in open air, an open-cup test method might be more appropriate for estimating the fire hazard. [30:A.1.1.2(4)]

Submitter Information Verification

Committee: MAC-AAA

Submittal Date: Tue Mar 26 20:01:04 EDT 2024

Committee Statement

Committee Statement: The extracted text is revised as per the current edition of NFPA 30-2024. As noted in FR No. 401-NFPA 30-2018 the word “ignitable” was added to flammable and combustible liquid by the Technical Committee on Flammable and Combustible Liquids to provide clarity for the fire and explosion hazards created by liquids that burn and eliminates the confusion created by different definitions used by transportation codes.

Response Message: FR-22-NFPA 35-2024



First Revision No. 9-NFPA 35-2024 [Section No. C.1.1]

C.1.1 NFPA Publications.

National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471.

NFPA 11, *Standard for Low-, Medium-, and High-Expansion Foam*, ~~2024~~ 2024 edition.

NFPA 12, *Standard on Carbon Dioxide Extinguishing Systems*, ~~2024~~ 2025 edition.

NFPA 13, *Standard for the Installation of Sprinkler Systems*, ~~2019~~ 2025 edition.

NFPA 16, *Standard for the Installation of Foam-Water Sprinkler and Foam-Water Spray Systems*, 2019 edition.

NFPA 17, *Standard for Dry Chemical Extinguishing Systems*, ~~2021~~ 2024 edition.

NFPA 30, *Flammable and Combustible Liquids Code*, ~~2021~~ 2024 edition.

NFPA 30B, *Code for the Manufacture and Storage of Aerosol Products*, ~~2019~~ 2023 edition.

NFPA 33, *Standard for Spray Application Using Flammable or Combustible Materials*, ~~2021~~ 2024 edition.

NFPA 34, *Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids*, ~~2021~~ 2024 edition.

NFPA 45, *Standard on Fire Protection for Laboratories Using Chemicals*, ~~2019~~ 2024 edition.

NFPA 51B, *Standard for Fire Prevention During Welding, Cutting, and Other Hot Work*, ~~2019~~ 2024 edition.

NFPA 58, *Liquefied Petroleum Gas Code*, ~~2020~~ 2024 edition.

NFPA 68, *Standard on Explosion Protection by Deflagration Venting*, ~~2018~~ 2023 edition.

NFPA 69, *Standard on Explosion Prevention Systems*, ~~2019~~ 2024 edition.

NFPA 70[®], *National Electrical Code*[®], ~~2020~~ 2026 edition.

NFPA 72[®], *National Fire Alarm and Signaling Code*[®], ~~2019~~ 2025 edition.

NFPA 77, *Recommended Practice on Static Electricity*, ~~2019~~ 2024 edition.

NFPA 86, *Standard for Ovens and Furnaces*, ~~2019~~ 2023 edition.

NFPA 91, *Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids*, ~~2020~~ 2026 edition.

NFPA 252, *Standard Methods of Fire Tests of Door Assemblies*, ~~2017~~ 2022 edition.

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*, ~~2021~~ 2024 edition.

NFPA 505, *Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations*, ~~2018~~ 2024 edition.

NFPA 654, *Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids*, 2020 edition.

NFPA 921, *Guide for Fire and Explosion Investigations*, ~~2020~~ 2024 edition.

NFPA 5000[®], *Building Construction and Safety Code*[®], 2024 edition.

Submitter Information Verification

Committee: MAC-AAA

Submittal Date: Tue Mar 26 16:46:13 EDT 2024

Committee Statement

Committee Statement: The referenced publications are updated to the current edition.

Response Message: FR-9-NFPA 35-2024



First Revision No. 10-NFPA 35-2024 [Section No. C.1.2.1]

C.1.2.1 ASTM Publications.

ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959.

ASTM D92, *Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester*, 2018.

ASTM D4206, *Standard Test Method for Sustained Burning of Liquid Mixtures Using the Small Scale Open-Cup Apparatus*, 1996, reapproved 2018.

ASTM E119, *Standard Test Methods for Fire Tests of Building Construction and Materials*, 2018 ~~2018~~ 2020.

ASTM E502, *Standard Test Method for Selection and Use of ASTM Standards for the Determination of Flash Point of Chemicals by Closed Cup Methods*, 2007, reapproved 2013 2021.

ASTM *Manual on Flash Point Standards and Their Use: Methods and Regulations*, 1992.

Submitter Information Verification

Committee: MAC-AAA

Submittal Date: Tue Mar 26 16:51:25 EDT 2024

Committee Statement

Committee Statement: The referenced ASTM publications are updated to the current edition.

Response Message: FR-10-NFPA 35-2024



First Revision No. 5-NFPA 35-2024 [Section No. C.1.2.3]

C.1.2.3 UL Publications.

Underwriters Laboratories Inc., 333 Pfingsten Road, Northbrook, IL 60062-2096.

UL 10B, *Fire Tests of Door Assemblies*, 2008, revised ~~2015~~ 2022 .

UL 10C, *Positive Pressure Fire Tests of Door Assemblies*, 2016, revised 2021 .

UL 263, *Fire Tests of Building Construction and Materials*, 2011, revised ~~2019~~ 2022 .

CAN/ UL 583, ~~*Standard for Electric-Battery-Powered Industrial Trucks*~~, ~~10th edition, 2012,~~ revised 2018 2022 .

Submitter Information Verification

Committee: MAC-AAA

Submittal Date: Tue Mar 26 11:54:27 EDT 2024

Committee Statement

Committee Statement: Update the standards to the most current publication dates. CAN/UL 583 is now a Bi National standard. as such, the CAN designation has been added.

Response Message: FR-5-NFPA 35-2024

Public Input No. 2-NFPA 35-2023 [Section No. C.1.2.3]



First Revision No. 11-NFPA 35-2024 [Section No. C.3]

C.3 References for Extracts in Informational Sections.

NFPA 30, *Flammable and Combustible Liquids Code*, ~~2021~~ 2024 edition.

NFPA 5000[®], *Building Construction and Safety Code*[®], ~~2021~~ 2024 edition.

Submitter Information Verification

Committee: MAC-AAA

Submission Date: Tue Mar 26 16:53:26 EDT 2024

Committee Statement

Committee Statement: The referenced publications for extracts are updated to the current edition.

Response Message: FR-11-NFPA 35-2024