



Second Revision No. 6508-NFPA 101-2022 [Section No. 2.3.1]

2.3.1 ACI Publications.

American Concrete Institute, 38800 Country Club Drive, Farmington Hills, MI
48331-3434 [3439 . www.concrete.org](http://www.concrete.org)

ACI 216.1/TMS-0216.1 , *Code Requirements for Determining Fire Resistance of Concrete and
Masonry Construction Assemblies*, 2014 (reapproved 2019) .

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Tue Jul 12 10:35:49 EDT 2022

Committee Statement

Committee Statement: Reference publication update.

Response Message: SR-6508-NFPA 101-2022



Second Revision No. 6509-NFPA 101-2022 [Section No. 2.3.2]

2.3.2 ANSI Publications.

American National Standards Institute, Inc., 25 West 43rd Street, 4th floor, New York, NY 10036. www.ansi.org

ANSI ASC A14.3, *American National Standard for Ladders — Fixed — Safety Requirements*, 2008 (R2018 reaffirmed 2018).

~~ANSI/BHMA A156.3, *Exit Devices* , 2014.~~

~~ANSI/BHMA A156.10, *Power Operated Pedestrian Doors* , 2017.~~

~~ANSI/BHMA A156.19, *Power Assist and Low Energy Power Operated Doors* , 2013.~~

~~ANSI/BHMA A156.27, *Power and Manual Operated Revolving Pedestrian Doors* , 2019.~~

~~ANSI/BHMA A156.38, *Low Energy Power Operated Sliding and Folding Doors* , 2014.~~

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Tue Jul 12 10:37:49 EDT 2022

Committee Statement

Committee Statement: Reference publication update. ANSI/BHMA standards relocated to new BHMA Publications section.

Response Message: SR-6509-NFPA 101-2022



Second Revision No. 6510-NFPA 101-2022 [Section No. 2.3.3]

2.3.3 ASCE Publications.

American Society of Civil Engineers, 1801 Alexander Bell Drive, Reston, VA 20191-4400.
www.asce.org

ASCE/SEI 7, *Minimum Design Loads for Buildings and Other Structures*, 2016, including Supplement 1, 2017 2022 .

ASCE/SEI/SFPE 29, *Standard Calculation Methods for Structural Fire Protection*, 2005.

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Tue Jul 12 11:34:52 EDT 2022

Committee Statement

Committee Statement: Reference publication update.

Response Message: SR-6510-NFPA 101-2022



Second Revision No. 6511-NFPA 101-2022 [Section No. 2.3.4]

2.3.4 ASME Publications.

ASME International The American Society of Mechanical Engineers , Two Park Avenue, New York, NY 10016-5990. www.asme.org

ASME A17.1/CSA B44, *Safety Code for Elevators and Escalators*, 2016 2019 .

ASME A17.3, *Safety Code for Existing Elevators and Escalators*, 2017 2020 .

ASME A17.7/CSA B44.7, *Performance-Based Safety Code for Elevators and Escalators*, 2007, reaffirmed 2017 2012 .

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Tue Jul 12 11:36:13 EDT 2022

Committee Statement

Committee Statement: Reference publication update.

Response Message: SR-6511-NFPA 101-2022



Second Revision No. 6513-NFPA 101-2022 [New Section after 2.3.6]

2.3.7 BHMA Publications.

Builders Hardware Manufacturers Association, 355 Lexington Avenue, 15th Floor, New York, NY 10017. www.buildershardware.com

ANSI/BHMA A156.3, *Exit Devices* , 2020.

ANSI/BHMA A156.10, *Power Operated Pedestrian Doors* , 2017.

ANSI/BHMA A156.19, *Power Assist and Low Energy Power Operated Doors* , 2019.

ANSI/BHMA A156.27, *Power and Manual Operated Revolving Pedestrian Doors* , 2019.

ANSI/BHMA A156.38, *Low Energy Power Operated Sliding and Folding Doors* , 2019.

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Tue Jul 12 11:55:52 EDT 2022

Committee Statement

Committee Statement: Reference publication update. The revision relocates the ANSI/BHMA publications from 2.3.2 ANSI Publications to a new 2.3.X BHMA Publications and updates the edition years.

Response Message: SR-6513-NFPA 101-2022



Second Revision No. 6512-NFPA 101-2022 [Section No. 2.3.6]

2.3.6 ASTM Publications.

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

ASTM C1629/C1629M, *Standard Classification for Abuse-Resistant Nondecorated Interior Gypsum Panel Products and Fiber-Reinforced Cement Panels*, 2018a 2019 .

ASTM D1929, *Standard Test Method for Determining Ignition Temperatures of Plastics* , 2016 2020 .

ASTM D2859, *Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials*, 2016 (2021) .

ASTM D2898, *Standard Test Methods Practice for Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing*, 2010 (2017).

ASTM D3201/D3201M, *Standard Test Method for Hygroscopic Properties of Fire-Retardant Wood and Wood-Based Products*, 2013 2020 .

ASTM D5516, *Standard Test Method for Evaluating the Flexural Properties of Fire-Retardant Treated Softwood Plywood Exposed to Elevated Temperatures*, 2018.

ASTM D5664, *Standard Test Method for Evaluating the Effects of Fire-Retardant Treatments and Elevated Temperatures on Strength Properties of Fire-Retardant Treated Lumber*, 2017.

ASTM D6305, *Standard Practice for Calculating Bending Strength Design Adjustment Factors for Fire-Retardant-Treated Plywood Roof Sheathing*, 2008 (2015)-e1 2021 .

ASTM D6841, *Standard Practice for Calculating Design Value Treatment Adjustment Factors for Fire-Retardant-Treated Lumber*, 2016 2021 .

ASTM E84, *Standard Test Method for Surface Burning Characteristics of Building Materials*, 2019a 2022 .

ASTM E108, *Standard Test Methods for Fire Tests of Roof Coverings*, 2017 2020a .

ASTM E119, *Standard Test Methods for Fire Tests of Building Construction and Materials*, 2018c-e1 2020 .

ASTM E136, *Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750°C*, 2019 2019a .

ASTM E648, *Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source*, 2017a 2019a e1 .

ASTM E814, *Standard Test Method for Fire Tests of Penetration Fire-Stop Firestop Systems*, 2013a (2017).

ASTM E1354, *Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter*, 2017 2022a .

ASTM E1537, *Standard Test Method for Fire Testing of Upholstered Furniture*, 2016 2022 .

ASTM E1590, *Standard Test Method for Fire Testing of Mattresses*, 2017 2022 .

ASTM E1591, *Standard Guide for Obtaining Data for Fire Growth Models*, 2013 2020 .

ASTM E1966, *Standard Test Method for Fire-Resistive Joint Systems*, 2015 (2019).

ASTM E2072, *Standard Specification for Photoluminescent (Phosphorescent) Safety Markings*, 2014.

ASTM E2073, *Standard Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings*, 2019 2019a .

ASTM E2307, *Standard Test Method for Determining Fire Resistance of Perimeter Fire Barriers Using Intermediate-Scale, Multi-Story story Test Apparatus*, 2015b-e1 2020 .

~~ASTM F2374, *Standard Practice for Design, Manufacture, Operation, and Maintenance of Inflatable Amusement Devices* , 2021.~~

ASTM E2404, *Standard Practice for Specimen Preparation and Mounting of Textile, Paper or Polymeric (Including Vinyl) and Wood Wall or Ceiling Coverings, Facings and Veneers, to Assess Surface Burning Characteristics*, 2017.

ASTM E2573, *Standard Practice for Specimen Preparation and Mounting of Site-Fabricated Stretch Systems to Assess Surface Burning Characteristics*, 2017 2019 .

ASTM E2579, *Standard Practice for Specimen Preparation and Mounting of Wood Products to Assess Surface Burning Characteristics*, 2019 2021 .

ASTM E2599, *Standard Practice for Specimen Preparation and Mounting of Reflective Insulation, Radiant Barrier and Vinyl Stretch Ceiling Materials for Building Applications to Assess Surface Burning Characteristics*, 2018.

ASTM E2652, *Standard Test Method for Assessing Combustibility of Materials Using a Tube Furnace with a Cone-shaped Airflow Stabilizer, at 750°C*, 2018.

ASTM E2768, *Standard Test Method for Extended Duration Surface Burning Characteristics of Building Materials (30 min Tunnel Test)*, 2011 (2018).

ASTM E2837, *Standard Test Method for Determining the Fire Resistance of Continuity Head-of-Wall Joint Systems Installed Between Rated Wall Assemblies and Nonrated Horizontal Assemblies*, 2013 (2017).

ASTM E2965, *Standard Test Method for Determination of Low Levels of Heat Release Rate for Materials and Products Using an Oxygen Consumption Calorimeter*, 2017 2022 .

ASTM E3082, *Standard Test Methods for Determining the Effectiveness of Fire Retardant Treatments for Natural Christmas Trees*, 2017-~~e1~~ 2020 .

ASTM F851, *Standard Test Method for Self-Rising Seat Mechanisms*, 1987 (2013 2020).

ASTM F1085, *Standard Specification for Mattress and Box Springs for Use in Berths in Marine Vessels*, 2014 2019 .

ASTM F1577, *Standard Test Methods for Detention Locks for Swinging Doors*, 2005 (2019).

ASTM F2374, *Standard Practice for Design, Manufacture, Operation, and Maintenance of Inflatable Amusement Devices* , 2021a.

ASTM G155, *Standard Practice for Operating Xenon Arc ~~Light~~ Lamp Apparatus for Exposure of ~~Non-Metallic~~ Materials*, 2013 2021 .

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Tue Jul 12 11:38:02 EDT 2022

Committee Statement

Committee Statement: Reference publication update.

Response Message: SR-6512-NFPA 101-2022

Public Comment No. 75-NFPA 101-2022 [Section No. 2.3.6]



Second Revision No. 6514-NFPA 101-2022 [Section No. 2.3.7]

2.3.8 FM Global- Publications.

FM Global, 270 Central Avenue, P.O. ~~Box 7500~~, Johnston, RI 02919. www.fmglobal.com

ANSI/FM Approval s 4880, *American National Standard for Evaluating the Fire Performance of Insulated Building Panel Assemblies and Interior Finish Materials*, 2017.

FM Approvals 6920/ 6921, ~~Approval Standard for~~ Oily Waste Cans and Containers for Combustible Waste, ~~2004~~ 2019 .

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Tue Jul 12 12:09:23 EDT 2022

Committee Statement

Committee Statement: Reference publication update.

Response Message: SR-6514-NFPA 101-2022



Second Revision No. 6515-NFPA 101-2022 [Section No. 2.3.8]

2.3.9 ICC Publications.

International Code Council, 500 New Jersey Avenue, NW, 6th Floor, Washington, DC 20001-2070 . www.iccsafe.org

ICC A117.1, *Accessible and Usable Buildings and Facilities*, 2017.

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Tue Jul 12 12:13:36 EDT 2022

Committee Statement

Committee Statement: Reference publication update.

Response Message: SR-6515-NFPA 101-2022



Second Revision No. 6516-NFPA 101-2022 [Section No. 2.3.11]

2.3.11 UL Publications.

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

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 .

UL 294, *Access Control System Units*, 2018.

UL 300, *Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment*, ~~2018~~ 2019 .

UL 300A, *Extinguishing System Units for Residential Range Top Cooking Surfaces*, 2006.

UL 305, *Panic Hardware*, 2012, revised ~~2017~~ 2022 .

UL 555, *Fire Dampers*, 2006, revised ~~2016~~ 2020 .

UL 555S, *Smoke Dampers*, 2014, revised ~~2016~~ 2020 .

UL 723, *Test for Surface Burning Characteristics of Building Materials*, 2018.

UL 790, *Standard Test Methods for Fire Tests of Roof Coverings*, 2004, revised 2018 2022 .

UL 924, *Emergency Lighting and Power Equipment*, 2016, revised ~~2018~~ 2020 .

UL 962, *Household and Commercial Furnishings*, 2014, revised ~~2021~~ 2022 .

UL 1034, *Burglary-Resistant Electric Locking Mechanisms*, 2011, revised 2020.

UL 1040, *Fire Test of Insulated Wall Construction*, 1996, revised ~~2017~~ 2022 .

UL 1278, *Movable and Wall- or Ceiling-Hung Electric Room Heaters*, 2014, revised ~~2018~~ 2022 .

UL 1315, *Metal Waste Paper Containers*, 2017.

UL 1479, *Fire Tests of Penetration Firestops*, 2015, revised 2021 .

UL 1489, *Fire Tests of Fire Resistant Pipe Protection Systems Carrying Combustible Liquids*, 2016, revised 2021 .

UL 1715, *Fire Test of Interior Finish Material*, 1997, revised ~~2017~~ 2022 .

UL 1784, *Air Leakage Tests of Door Assemblies and Other Opening Protectives*, 2015, revised 2020 .

UL 1975, *Fire Tests for Foamed Plastics Used for Decorative Purposes*, 2006.

UL 1994, *Luminous Egress Path Marking Systems*, 2015, revised 2020 .

UL 2079, *Tests for Fire Resistance of Building Joint Systems*, 2015, revised 2020 .

UL 2525, *Two-Way Emergency Communications Systems for Rescue Assistance* , 2020.

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Tue Jul 12 12:15:08 EDT 2022

Committee Statement

Committee Statement: Reference publication update.

Response Message: SR-6516-NFPA 101-2022



Second Revision No. 6517-NFPA 101-2022 [Section No. 2.3.12]

2.3.12 U.S. Government Publications.

U.S. Government Publishing Office, 732 North Capitol Street, NW, Washington, DC
20401-0001 . www.gpo.gov

Title 16, Code of Federal Regulations, Part 1632, "Standard for the Flammability of Mattresses
and Mattress Pads" (FF 4-72, Amended).

Submitter Information Verification

Committee: SAF-FUN

Submission Date: Tue Jul 12 12:20:58 EDT 2022

Committee Statement

Committee Statement: Reference publication update.

Response Message: SR-6517-NFPA 101-2022



Second Revision No. 6518-NFPA 101-2022 [Section No. 2.3.13]

2.3.13 Other Publications .

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

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Tue Jul 12 12:22:04 EDT 2022

Committee Statement

Committee Statement: Reference publication update.

Response Message: SR-6518-NFPA 101-2022



Second Revision No. 6519-NFPA 101-2022 [Section No. 2.4]

2.4 References for Extracts in Mandatory Sections.

NFPA 1, *Fire Code*, 2021 2024 edition.

NFPA 13, *Standard for the Installation of Sprinkler Systems*, 2022 edition.

NFPA 13D, *Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes*, 2022 edition.

NFPA 13R, *Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies*, 2022 edition.

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

NFPA 72[®], *National Fire Alarm and Signaling Code*[®], 2019 2022 edition.

NFPA 80, *Standard for Fire Doors and Other Opening Protectives*, 2019 2022 edition.

NFPA 88A, *Standard for Parking Structures*, 2019 2023 edition.

NFPA 90A, *Standard for the Installation of Air-Conditioning and Ventilating Systems*, 2024 edition.

NFPA 150, *Fire and Life Safety in Animal Housing Facilities Code*, 2019 2022 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 288, *Standard Methods of Fire Tests of Horizontal Fire Door Assemblies Installed in Horizontal Fire Resistance-Rated Assemblies*, 2017 edition.~~

NFPA 301, *Code for Safety to Life from Fire on Merchant Vessels*, 2018 2023 edition.

NFPA 400, *Hazardous Materials Code*, 2019 2022 edition.

NFPA 415, *Standard on Airport Terminal Buildings, Fueling Ramp Drainage, and Loading Walkways*, 2016 2022 edition.

NFPA 703, *Standard for Fire-Retardant-Treated Wood and Fire-Retardant Coatings for Building Materials*, 2021 2024 edition.

NFPA 921, *Guide for Fire and Explosion Investigations*, 2021 edition.

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

Submitter Information Verification

Committee: SAF-FUN

Submission Date: Tue Jul 12 12:22:59 EDT 2022

Committee Statement

Committee Statement: Reference publication update.

Response Message: SR-6519-NFPA 101-2022



Second Revision No. 6535-NFPA 101-2022 [Section No. 3.3.128]

3.3.128* Fuel-Burning Appliance.

A device that burns solid, liquid, or gaseous fuel or a combination thereof. (SAF-FUN)

A.3.3.128 Fuel-Burning Appliance.

Fuel-burning appliances include, but are not limited to, devices used for cooking, heating, lighting, or decorative purposes. Examples are wood stoves, portable space heaters, ranges, furnaces, water heaters, clothes dryers, gas refrigerators, gas lamps, and fuel-burning fireplaces.

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Tue Jul 12 13:33:31 EDT 2022

Committee Statement

Committee Statement: The revision incorporates the annex note from the source standard as suggested by the correlating committee in CCN-1.

Response Message: SR-6535-NFPA 101-2022

Public Comment No. 3-NFPA 101-2022 [Section No. 3.3.128]



Second Revision No. 6507-NFPA 101-2022 [Section No. 3.3.267]

3.3.269 Sleep Pod.

~~A modular room~~ An occupiable, prefabricated structure that might include integral electrical wiring, ventilation, and furnishings, and that is designed and used for sleeping purposes.
(SAF-FUN)

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Mon Jul 11 12:45:02 EDT 2022

Committee Statement

Committee Statement: Based on the current definition of "modular room," a sleep pod would be enclosed by walls, ceilings, and floors. Not all sleep pod configurations on the market are enclosed by walls and ceilings and therefore will cause enforcement confusion in the field based on the current definition. The committee requests that the correlating committee coordinate any requirements for modular rooms to ensure appropriate requirements also apply to sleep pods.

Response Message: SR-6507-NFPA 101-2022

[Public Comment No. 150-NFPA 101-2022 \[Section No. 3.3.267\]](#)



Second Revision No. 6501-NFPA 101-2022 [Section No. 4.6.1.4]

4.6.1.4 Technical Assistance.

4.6.1.4.1

The authority having jurisdiction shall be permitted to require a review by an approved independent third party with expertise in the matter to be reviewed at the submitter's expense. [~~1:4.15.1~~ 1.16.1]

4.6.1.4.2

The independent reviewer shall provide an evaluation and recommend necessary changes of the proposed design, operation, process, or new technology to the authority having jurisdiction. [~~1:4.15.2~~ 1.16.2]

4.6.1.4.3

The authority having jurisdiction shall be authorized to require design submittals to bear the stamp of a registered design professional. [~~1:4.15.3~~ 1.16.3]

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Wed Jun 15 11:45:00 EDT 2022

Committee Statement

Committee Statement: Extract update.

Response Message: SR-6501-NFPA 101-2022



Second Revision No. 6502-NFPA 101-2022 [Section No. 4.6.15]

4.6.15 Fire-Retardant-Treated Wood.

Fire-retardant-treated wood shall be a wood product impregnated with chemical by a pressure process or ~~impregnated with chemical by~~ other means during manufacture meeting the requirements in 4.6.15.2 through 4.6.15.2.5. [703:4.1.1]

4.6.15.1

Materials treated by means other than those specified in 4.6.15 shall be considered a fire-retardant-coated material and shall meet the requirements of fire-retardant coatings in Chapter 5 of NFPA 5000 . [703: 4.1.1.1]

4.6.15.2

Fire-retardant-treated wood shall be tested in accordance with ASTM E84, *Standard Test Method for Surface Burning Characteristics of Building Materials*, or UL 723, *Test for Surface Burning Characteristics of Building Materials*. [703:4.1.1.4 4.1.1.2]

4.6.15.2.1

Fire-retardant-treated wood shall have a listed flame spread index of 25 or less. [703:4.1.1.2 4.1.1.2.1]

4.6.15.2.2

The flame front shall not progress more than 10.5 ft (3.2 m) beyond the centerline of the burners at any time during the test, when the test is continued for an additional 20-minute period . [703:4.1.1.4 4.1.1.2.2]

4.6.15.2.3

A wood product that has been impregnated with chemicals by a pressure process or other means during manufacture and has met the requirements of 4.6.15.2.1 and 4.6.15.2.2 when tested on the front and back faces in accordance with ASTM E2768, *Standard Test Method for Extended Duration Surface Burning Characteristics of Building Materials (30 min Tunnel Test)* , shall be considered fire-retardant-treated wood. [703: 4.1.1.2.3]

4.6.15.2.4

Wood structural panels shall be permitted to ~~test~~ be tested only on the front and back faces. [703:4.1.1.6 4.1.1.2.4]

4.6.15.2.5

Wood structural panels that meet all of the following conditions shall be considered fire-retardant-treated wood:

- (1) They have been impregnated with chemicals.
- (2) They have been tested on the front and back faces in accordance with ASTM E2768, *Standard Test Method for Extended Duration Surface Burning Characteristics of Building Materials (30 min Tunnel Test)* , with a ripped or cut longitudinal gap of $\frac{1}{8}$ in. (3.2 mm).
- (3) They are listed to meet the requirements of 4.6.15.2.1 and 4.6.15.2.2 . [703: 4.1.1.2.5]

4.6.15.4

~~Fire-retardant-treated wood shall not show evidence of significant progressive combustion when the test is continued for an additional 20-minute period. [703: 4.1.1.3]~~

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Wed Jun 15 11:54:05 EDT 2022

Committee Statement

Committee Statement: Extract update.

Response Message: SR-6502-NFPA 101-2022



Second Revision No. 6503-NFPA 101-2022 [Section No. 4.6.16.2]

4.6.16.2 Other Means During Manufacture.

~~For wood products impregnated with chemicals by other means during manufacture, the treatment shall be an integral part of the manufacturing process of the wood product. The treatment shall provide permanent protection to all surfaces of the wood product.~~
[~~703: 4.1.2.2~~]

4.6.16.2.1

For wood products impregnated with chemicals by other means during manufacture, the treatment shall be an integral part of the manufacturing process of the wood product.
[~~703:4.1.2.2~~ 4.1.2.2.1]

4.6.16.2.2

The treatment shall provide permanent protection to all surfaces of the wood product.
[703: 4.1.2.2.2]

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Wed Jun 15 12:10:54 EDT 2022

Committee Statement

Committee Statement: Extract update.

Response Message: SR-6503-NFPA 101-2022



Second Revision No. 6504-NFPA 101-2022 [Section No. 11.8.6.3]

11.8.6.3

The New emergency command center rooms shall be a minimum of 200 ft² (19 m²) with a minimum dimension of 10 ft (3050 mm). [1:11.9.3]

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Wed Jun 15 12:22:05 EDT 2022

Committee Statement

Committee Statement: Extract update.

Response Message: SR-6504-NFPA 101-2022



Second Revision No. 6506-NFPA 101-2022 [Section No. A.11.8.4.2.2]

A.11.8.4.2.2

First responders depend on the use of portable radios during incidents for operational and safety purposes. Equivalent coverage occurs when the public safety two-way communications system utilized by the agency provides coverage throughout the building's general areas and critical areas as identified by NFPA ~~1221~~ 1225 , with or without a two-way radio enhancement system.

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Mon Jul 11 08:22:53 EDT 2022

Committee Statement

Committee Statement: NFPA 1221 has been consolidated into the 2022 edition of NFPA 1225.

Response Message: SR-6506-NFPA 101-2022

[Public Comment No. 208-NFPA 101-2022 \[Global Input\]](#)



Second Revision No. 6520-NFPA 101-2022 [Section No. E.1.2.1]

E.1.2.1 ACI Publications .

American Concrete Institute, 38800 Country Club Drive, Farmington Hills, MI 48331-3434 [3439 . www.concrete.org](http://www.concrete.org)

ACI 216.1/TMS-0216.1 , *Code Requirements for Determining Fire Resistance of Concrete and Masonry Construction Assemblies*, 2014 [\(reapproved 2019\)](#) .

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Tue Jul 12 12:29:10 EDT 2022

Committee Statement

Committee Statement: Reference publication update.

Response Message: SR-6520-NFPA 101-2022



Second Revision No. 6521-NFPA 101-2022 [Section No. E.1.2.2]

E.1.2.2 ANSI Publications.

American National Standards Institute, Inc., 25 West 43rd Street, 4th Floor, New York, NY 10036. www.ansi.org

~~ANSI/BHMA A156.10, *Power Operated Pedestrian Doors*, 2017.~~

~~ANSI/BHMA A156.19, *Power Assist and Low Energy Power Operated Doors*, 2013.~~

~~ANSI/BHMA A156.38, *Low Energy Power Operated Sliding and Folding Doors*, 2014.~~

~~ANSI/BHMA A156.41, *Standard for Door Hardware Single Motion for Egress*, 2017.~~

ANSI ES1.9, *Crowd Management*, 2020.

ANSI Z97.1, *Safety Glazing Materials Used in Buildings — Safety Performance Specifications and Methods of Test*, 2015 (R2020).

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Tue Jul 12 12:30:50 EDT 2022

Committee Statement

Committee Statement: Reference publication update. ANSI/BHMA standards relocated to new BHMA Publications subsection.

Response Message: SR-6521-NFPA 101-2022



Second Revision No. 6522-NFPA 101-2022 [Section No. E.1.2.3]

E.1.2.3 ASCE Publications.

American Society of Civil Engineers, 1801 Alexander Bell Drive, Reston, VA 20191-4400.
www.asce.org

ASCE/SEI 7, *Minimum Design Loads for Buildings and Other Structures*, 2016, including Supplement 1, 2017 2022 .

ASCE/SEI/SFPE 29, *Standard Calculation Methods for Structural Fire Protection*, 2005.

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Tue Jul 12 12:33:04 EDT 2022

Committee Statement

Committee Statement: Reference publication update.

Response Message: SR-6522-NFPA 101-2022



Second Revision No. 6523-NFPA 101-2022 [Section No. E.1.2.4]

E.1.2.4 ASHRAE Publications.

ASHRAE, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305. www.ashrae.org American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., 180 Technology Parkway NW, Peachtree Corners, GA 30092. www.ashrae.org

ASHRAE *Handbook — Fundamentals*, 2017 2021 .

Klote, J.H. and Milke, J.A., *Principles of Smoke Management*, 2002.

Submitter Information Verification

Committee: SAF-FUN

Submittal Date: Tue Jul 12 12:34:22 EDT 2022

Committee Statement

Committee Statement: Reference publication update.

Response Message: SR-6523-NFPA 101-2022



Second Revision No. 6524-NFPA 101-2022 [Section No. E.1.2.5]

E.1.2.5 ASME Publications.

ASME International The American Society of Mechanical Engineers , Two Park Avenue, New York, NY 10016-5990. www.asme.org

ASME A17.1/CSA B44, *Safety Code for Elevators and Escalators*, 2016 2019 .

ASME A17.3, *Safety Code for Existing Elevators and Escalators*, 2017 2020 .

Submitter Information Verification

Committee: SAF-FUN

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Committee Statement

Committee Statement: Reference publication update.

Response Message: SR-6524-NFPA 101-2022



Second Revision No. 6525-NFPA 101-2022 [Section No. E.1.2.6]

E.1.2.6 ASSP Publications.

American Society of Safety Professionals, 520 N. Northwest Highway, Park Ridge, IL 60068.
www.assp.org

ANSI/ASSP A1264.2, ~~Standard for the Provision of Slip Resistance~~ Reducing Slip Missteps on Walking_ Working Surfaces, 2012 2022 .

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E.1.2.8 BHMA Publications.

Builders Hardware Manufacturers Association, 355 Lexington Avenue, 15th Floor, New York, NY 10017. www.buildershardware.com

ANSI/BHMA A156.10, *Power Operated Pedestrian Doors* , 2017.

ANSI/BHMA A156.19, *Power Assist and Low Energy Power Operated Doors* , 2019.

ANSI/BHMA A156.38, *Low Energy Power Operated Sliding and Folding Doors* , 2019.

ANSI/BHMA A156.41, *Standard for Door Hardware Single Motion for Egress* , 2020.

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E.1.2.7 ASTM Publications.

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

ASTM D2859, *Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials*, 2016 (2021) .

ASTM E84, *Standard Test Method for Surface Burning Characteristics of Building Materials*, 2019a 2022 .

ASTM E119, *Standard Test Methods for Fire Tests of Building Construction and Materials*, 2018e e1 2020 .

ASTM E648, *Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source*, 2017a 2019a e1 .

ASTM E814, *Standard Test Method for Fire Tests of Penetration Fire-Stop Firestop Systems*, 2013a (2017).

ASTM E1352, *Standard Test Method for Cigarette Ignition Resistance of Mock-Up Upholstered Furniture Assemblies*, 2016.

ASTM E1353, *Standard Test Methods for Cigarette Ignition Resistance of Components of Upholstered Furniture*, 2016 2021 .

ASTM E1472, *Standard Guide for Documenting Computer Software for Fire Models*, 2007 (withdrawn 2011).

ASTM E1537, *Standard Test Method for Fire Testing of Upholstered Furniture*, 2016 2022 .

ASTM E1590, *Standard Test Method for Fire Testing of Mattresses*, 2017 2022 .

ASTM E1966, *Standard Test Method for Fire-Resistive Joint Systems*, 2015 (2019).

ASTM E2030, *Standard Guide for Recommended Uses of Photoluminescent (Phosphorescent) Safety Markings*, 2009a (withdrawn 2018).

ASTM E2174, *Standard Practice for On-Site Inspection of Installed Firestops Systems*, 2018 2020a .

ASTM E2238, *Standard Guide for Evacuation Route Diagrams*, 2012.

ASTM E2280, *Standard Guide for Fire Hazard Assessment of the Effect of Upholstered Seating Furniture Within Patient Rooms of Health Care Facilities*, 2017 2021 .

ASTM E2307, *Standard Test Method for Determining Fire Resistance of Perimeter Fire Barrier Systems Using Intermediate-Scale, Multi-Story story Test Apparatus*, 2015b e1 2020 .

ASTM E2393, *Standard Practice for On-Site Inspection of Installed Fire Resistive Joint Systems and Perimeter Fire Barriers*, 2010a (2015) 2020a .

ASTM E2484, *Standard Specification for Multi-Story Building External Evacuation Controlled Descent Devices*, 2008 (2015).

ASTM E2513, *Standard Specification for Multi-Story Building External Evacuation Platform Rescue Systems*, 2007 (2012 2019 e1).

~~ASTM E2768, *Standard Test Method for Extended Duration Surface Burning Characteristics of Building Materials*, 2011 (2018).~~

ASTM F1085, *Standard Specification for Mattress and Box Springs for Use in Berths in Marine Vessels*, 2019.

ASTM F1637, *Standard Practice for Safe Walking Surfaces*, 2019 2021 .

ASTM F1870, *Standard Guide for Selection of Fire Test Methods for the Assessment of Upholstered Furnishings in Detention and Correctional Facilities*, 2016.

ASTM F2291, *Standard Practice for Design and of Amusement Rides or and Devices*, 2019 2021 .

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E.1.2.10 FM Global Publications.

FM Global, 270 Central Avenue, P.O. Box 7500, Johnston, RI 02919-4949 .
www.fmglobal.com

ANSI/FM Approvals 4880, *American National Standard for Evaluating the Fire Performance of Insulated Building Panel Assemblies and Interior Finish Materials*, 2017.

FM Approvals 6920/ 6921, *Approval Standard for Oily Waste Cans and Containers for Combustible Waste*, 2004 2019 .

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E.1.2.12 NEMA Publications.

National Electrical Manufacturers Association, 1300 North 17th Street, Suite 900, Arlington, VA 22209. www.nema.org

ANSI/NEMA Z535.1, *American National Standard for Safety Colors*, 2017.

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E.1.2.13 NIST Publications.

National Institute of Standards and Technology, 100 Bureau Drive, Gaithersburg, MD 20899-4070 . www.nist.gov

NISTIR 5445, *Feasibility of Fire Evacuation by Elevators at FAA Control Towers*, 1994.

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E.1.2.15 SFPE Publications.

SFPE Society of Fire Protection Engineers , 9711 Washington Washingtonian Blvd., Suite 380, Gaithersburg, MD 20878. www.sfpe.org

SFPE Code Official's Guide to Performance-Based Design Review, 2004.

SFPE Engineering Guide — Evaluation of the Computer Fire Model DETACT-QS, 2002.

SFPE Engineering Guide to Human Behavior in Fire, 2018.

SFPE Engineering Guide to Performance-Based Fire Protection, 2007.

SFPE Guidelines for Peer Review in the Fire Protection Design Process, ~~2009~~ 2020 .

SFPE Guidelines for Substantiating a Fire Model for a Given Application, ~~2011~~ 2010 .

SFPE Handbook of Fire Protection Engineering, 5th edition, 2016.

SFPE S.01, *Standard on Calculating Fire Exposures to Structures*, 2011.

SFPE S.02, *Engineering Standard on Calculation Methods to Predict the Thermal Performance of Structural and Fire Resistive Assemblies*, 2015.

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E.1.2.16 UL Publications.

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

UL *Heating, Cooling, Ventilating and Cooking Equipment Directory*, 2018.

UL Product iQ™, www.ul.com.

UL 217, *Smoke Alarms*, 2018 ~~2020~~, revised ~~2022~~ .

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

UL 294, *Access Control System Units*, 2018.

UL 723, *Test for Surface Burning Characteristics of Building Materials*, 2018.

UL 924, *Emergency Lighting and Power Equipment* , 2016, revised 2020.

UL 962, *Household and Commercial Furnishings*, 2014, revised ~~2021~~ ~~2022~~ .

UL 4024 ~~1034~~ , *Burglary-Resistant Electric Locking Mechanisms*, 2011, revised 2020.

UL 1040, *Fire Test of Insulated Wall Construction*, 1996, revised ~~2017~~ ~~2022~~ .

UL 1479, *Fire Tests of Penetration Firestops*, 2015, ~~revised 2021~~ .

UL 1715, *Fire Test of Interior Finish Material*, 1997, revised ~~2017~~ ~~2022~~ .

UL 1975, *Fire Tests for Foamed Plastics Used for Decorative Purposes*, 2006.

UL 2079, *Tests for Fire Resistance of Building Joint Systems*, 2015, ~~revised 2020~~ .

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E.1.2.17 U.S. Government Publications.

U.S. Government Publishing Office, 732 North Capitol Street, NW, Washington, DC 20401-0004 . www.gpo.gov

Title 16, Code of Federal Regulations, Part 1201.

Title 16, Code of Federal Regulations, Part 1630, "Standard for the Surface Flammability of Carpets and Rugs" (FF 1-70).

Title 16, Code of Federal Regulations, Part 1632, "Standard for the Flammability of Mattresses and Mattress Pads" (FF 4-72, Amended).

Title 28, Code of Federal Regulations, Parts 35 and 36, "2010 ADA Standards for Accessible Design."

Title 29, Code of Federal Regulations, Part 1910, Subparts E and L, "OSHA Regulations for Emergency Procedures and Fire Brigades."

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

Title 49, Code of Federal Regulations, Parts 100–199, U.S. DOT.

Lee, A. and Pineda, D. 2010, *Smoke Alarms – Pilot Study of Nuisance Alarms Associated with Cooking*, Bethesda, MD: US Consumer Product Safety Commission.

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E.3 References for Extracts in Informational Sections.

NFPA 72[®], *National Fire Alarm and Signaling Code*[®], 2019 2022 edition.

NFPA 88A, *Standard for Parking Structures*, 2019 2023 edition.

NFPA 90A, *Standard for the Installation of Air-Conditioning and Ventilating Systems*, 2024 edition.

NFPA 101A, *Guide on Alternative Approaches to Life Safety*, 2019 2022 edition.

NFPA 301, *Code for Safety to Life from Fire on Merchant Vessels*, 2018 2023 edition.

NFPA 400, *Hazardous Materials Code*, 2019 2022 edition.

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

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