



Public Input No. 3-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 [edition](#).

NFPA 11, *Standard for Low-, Medium-, and High-Expansion Foam*, 2016 [edition](#).

NFPA 13, *Standard for the Installation of Sprinkler Systems*, 2019 [edition](#).

NFPA 14, *Standard for the Installation of Standpipe and Hose Systems*, 2019 [edition](#).

NFPA 15, *Standard for Water Spray Fixed Systems for Fire Protection*, 2017 [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 [edition](#).

NFPA 25, *Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems*, 2020 [edition](#).

NFPA 30, *Flammable and Combustible Liquids Code*, 2021 [edition](#).

NFPA 70[®], *National Electrical Code*[®], 2020 [edition](#).

NFPA 101[®], *Life Safety Code*[®], 2021 [edition](#).

NFPA 221, *Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls*, 2021 [edition](#).

NFPA 252, *Standard Methods of Fire Tests of Door Assemblies*, 2017 [edition](#).

NFPA 257, *Standard on Fire Test for Window and Glass Block Assemblies*, 2017 [edition](#).

NFPA 400, *Hazardous Materials Code*, 2019 [edition](#).

NFPA 496, *Standard for Purged and Pressurized Enclosures for Electrical Equipment*, 2021 [edition](#).

NFPA 505, *Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations*, 2018 [edition](#).

NFPA 780, *Standard for the Installation of Lightning Protection Systems*, 2020 [edition](#).

NFPA 5000[®], *Building Construction and Safety Code*[®], 2021 [edition](#).

Statement of Problem and Substantiation for Public Input

NFPA 18A is a new classification of agents for manual and fixed applications as defined within that Standard. Applications shown in NFPA 18A Standard are covered within this Standard therefore these NFPA 18A agents should be referenced and included as viable fire protection solutions within this Standard.

From NFPA 18A , Chapter 4 - Uses and Limitation

4.1 General.

Water additive concentrates used in preventing combustible and flammable liquid vapor explosions, removing the flammability of combustible and flammable liquid spills, or extinguishing fires shall be tested and approved, classified, labeled, or listed by a third-party independent testing/listing organization acceptable to the authority having jurisdiction.

Submitter Information Verification

Submitter Full Name: Craig Leadbetter
Organization: Hazard Control Technologies
Street Address:
City:
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Submittal Date: Tue Jan 02 08:34:33 EST 2024
Committee: MAC-AAA

Committee Statement

Resolution: This Public Input to add a reference for NFPA 18 to Chapter 2 is incorporated in First Revision No. 6-NFPA 35-2024, Section 2.2.



Public Input No. 1-NFPA 35-2023 [Section No. 2.3.2]

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 .

Statement of Problem and Substantiation for Public Input

Update the standards to the most current published dates.

Related Public Inputs for This Document

<u>Related Input</u>	<u>Relationship</u>
<u>Public Input No. 2-NFPA 35-2023 [Section No. C.1.2.3]</u>	

Submitter Information Verification

Submitter Full Name: Kelly Nicoello

Organization: UL Solutions

Street Address:

City:

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Submittal Date: Fri Dec 29 11:49:53 EST 2023

Committee: MAC-AAA

Committee Statement

Resolution: This Public Input to update the edition year of the UL Publications to the current edition is included in First Revision No. 7-NFPA 35-2024, Section No. 2.3.2.



Public Input No. 4-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
- (3) NFPA 15
- (4) NFPA 16
- (5) NFPA 18A

Statement of Problem and Substantiation for Public Input

NFPA 18A is a new classification of agents for manual and fixed applications as defined within that Standard. Applications shown in NFPA 18A Standard are covered within this Standard therefore these NFPA 18A agents should be referenced and included as viable fire protection solutions within this Standard.

From NFPA 18A , Chapter 4 - Uses and Limitation

4.1 General.

Water additive concentrates used in preventing combustible and flammable liquid vapor explosions, removing the flammability of combustible and flammable liquid spills, or extinguishing fires shall be tested and approved, classified, labeled, or listed by a third-party independent testing/listing organization acceptable to the authority having jurisdiction.

Related Public Inputs for This Document

<u>Related Input</u>	<u>Relationship</u>
<u>Public Input No. 3-NFPA 35-2024 [Section No. 2.2]</u>	

Submitter Information Verification

Submitter Full Name: Craig Leadbetter
Organization: Hazard Control Technologies
Street Address:
City:
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Submittal Date: Tue Jan 02 08:44:07 EST 2024
Committee: MAC-AAA

Committee Statement

Resolution: FR-1-NFPA 35-2024

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.



Public Input No. 6-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*, 2021 edition.

NFPA 12, *Standard on Carbon Dioxide Extinguishing Systems*, 2021 edition.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Statement of Problem and Substantiation for Public Input

NFPA 18A is a new classification of agents for manual and fixed applications as defined within that Standard. Applications shown in NFPA 18A Standard are covered within this Standard therefore these NFPA 18A agents should be referenced and included as viable fire protection solutions within this Standard.

From NFPA 18A , Chapter 4 - Uses and Limitation

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Related Public Inputs for This Document

<u>Related Input</u>	<u>Relationship</u>
<u>Public Input No. 3-NFPA 35-2024 [Section No. 2.2]</u>	

Submitter Information Verification

Submitter Full Name: Craig Leadbetter
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Submittal Date: Thu Jan 04 08:28:49 EST 2024
Committee: MAC-AAA

Committee Statement

Resolution: The documents or portions thereof listed in Annex C are referenced within the informational sections (Annex A and Annex B) of this standard. There is no reference to NFPA 18A in the explanatory material in Annex A or in Annex B.



Public Input No. 2-NFPA 35-2023 [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 .

Statement of Problem and Substantiation for Public Input

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.

Related Public Inputs for This Document

<u>Related Input</u>	<u>Relationship</u>
<u>Public Input No. 1-NFPA 35-2023 [Section No. 2.3.2]</u>	

Submitter Information Verification

Submitter Full Name: Kelly Nicoletto
Organization: UL Solutions
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City:
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Submittal Date: Fri Dec 29 11:53:08 EST 2023
Committee: MAC-AAA

Committee Statement

Resolution: FR-5-NFPA 35-2024

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.