



Second Revision No. 54-NFPA 80-2023 [Global Comment]

See attached word document for new Chapter 17.

Supplemental Information

<u>File Name</u>	<u>Description</u>	<u>Approved</u>
SR-54_Horizontal_OP_Chapter.docx		
80_Global_SR-54_For_Ballot.docx		

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Tue Oct 17 14:02:08 EDT 2023

Committee Statement

Committee Statement: Previous editions of NFPA 80 did not currently address opening protectives which are used for horizontal openings. A task group was formed and reviewed relocating the requirements of 16.2.3 as showing in the First Draft Report to a new standalone chapter. The requirements added at first draft were relocated and modified for consistent structure with other fire door chapters.

Response Message: SR-54-NFPA 80-2023

Chapter 17 Horizontal Fire Door Assemblies

17.1 Doors.

17.1.1 General.

This chapter shall cover the installation and maintenance of new and existing horizontal fire doors in fire-resistance-rated floor, floor/ceiling, or roof/ceiling assemblies.

17.1.1.1 New Doors.

17.1.1.1.1

New door assemblies shall be installed in accordance with this chapter and Chapter 4.

17.1.1.1.2

Upon completion of installation, acceptance testing of new door assemblies shall be performed in accordance with 5.2.3.

17.1.1.2 Existing Doors.

Existing door assemblies shall be inspected and tested in accordance with 5.1.1.3 and 5.2.4.

17.1.1.3 Maintenance.

17.1.1.3.1

New and existing door assemblies shall be maintained in accordance with Section 5.5.

17.1.1.3.2

Upon completion of maintenance work that affects the operation and performance of the assembly, doors shall be inspected and tested in accordance with 5.5.10.

17.1.2 Field Modifications.

Modifications made to door assemblies shall be in accordance with 5.5.10.

17.1.3 Components.

17.1.3.1

A horizontal fire door assembly shall be furnished as a complete assembly bearing a label that reads “Horizontal Fire Door.”

17.1.3.2

Horizontal fire doors shall be self-closing or automatic-closing.

17.1.3.3

Horizontal fire doors shall be self-latching where required by the listing.

17.1.3.4

Self-closing horizontal fire door assemblies that are intended to be used to allow a person to completely enter the concealed space behind the door shall be operable from inside without the use of a key or tool.

17.1.3.5

Horizontal fire door assemblies shall be installed in accordance with the manufacturer's installation instructions and listing.

17.1.3.6

Horizontal fire door assemblies shall be specifically tested and listed for use in the orientation in which the assembly will be installed.

17.1.3.7

Horizontal fire door assemblies shall bear a label indicating the exposure rating determined by laboratory tests in accordance with NFPA 288.

17.1.3.7.1

The exposure rating shall be one of the following durations:

- (1) 30 minutes
- (2) 3/4 hour
- (3) 1 hour
- (4) 1 1/2 hours
- (5) 2 hours
- (6) 3 hours and over (in hourly increments)

17.1.3.7.2

Hourly fire ratings shall be derived with a superimposed load applied to the door assembly as indicated in the individual listings.



Second Revision No. 46-NFPA 80-2023 [Detail]

6.1.4.4

Glazing shall be marked in accordance with 4.2.2.

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 12:50:57 EDT 2023

Committee Statement

Committee Statement: Some requirements for glass and glazing contained in Chapter 4 are specific to only one of two product chapters and do not capture all relevant information from testing and listing done by manufacturers. SR-45 in Chapter 4 revised the requirement to only be applicable when required by the specific door chapter, this second revision provides that pointer. This second revision is not a technical change, it is providing clarification on the application of the existing requirements.

Response Message: SR-46-NFPA 80-2023

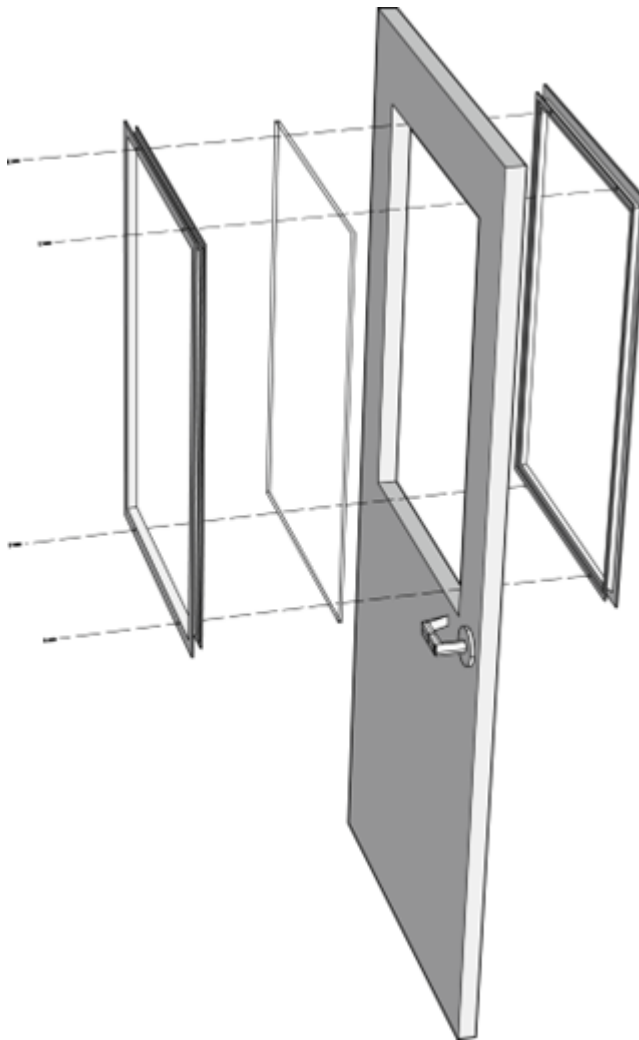


Second Revision No. 48-NFPA 80-2023 [Detail]

A.4.4.4.4

Some universal metal glazing kits are relatively easy to install in the field. Such glazing options are extensively used within the fire door industry and identical glazing units can be installed in a wide array of fire-rated doors (e.g., wood, hollow metal, and so forth). Starting in the 2025 edition of NFPA 80, field installation of such glazing options is permitted for all fire doors, including new wood doors. (See Figure A.4.4.4.4.)

Figure A.4.4.4.4 Example of a Vision Light Kit.



Supplemental Information

<u>File Name</u>	<u>Description</u>	<u>Approved</u>
SR-48_Figure.pdf		

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 12:57:59 EDT 2023

Committee Statement

Committee Statement: The new annex and figure are provided to guidance for field installed vision light kits.

Response Message: SR-48-NFPA 80-2023

[Public Comment No. 30-NFPA 80-2023 \[New Section after A.4.4.3.3\]](#)



Second Revision No. 49-NFPA 80-2023 [Detail]

Change the cross reference in footnote b in Table 4.4.6.1 to 4.4.5.2.

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 13:00:02 EDT 2023

Committee Statement

Committee Statement: Correcting the cross reference to the correction section.

Response Message: SR-49-NFPA 80-2023



Second Revision No. 8-NFPA 80-2023 [Section No. 2.3]

2.3 Other Publications.

2.3.1 ASME Publications.

American Society of Mechanical Engineers, Two Park Avenue, New York, NY 10016-5990.

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

2.3.2 ASTM Publications.

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

ASTM A36/A36M, *Standard Specification for Carbon Structural Steel*, 2019.

ASTM D4157, *Standard Test Method for Abrasion Resistance of Textile Fabrics (Oscillatory Cylinder Method)*, 2013, reapproved ~~2017~~ 2022 .

ASTM D5034, *Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)*, 2009, reapproved ~~2017~~ 2021 .

ASTM D6193, *Standard Practice for Stitches and Seams*, 2016, reapproved 2020 .

ASTM E119, *Standard Test Methods for Fire Tests of Building Construction and Materials*, 2020 2022 .

ASTM E136, *Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750°C*, 2022.

ASTM E2652, *Standard Test Method for Assessing Combustibility of Materials Using a Tube Furnace with a Cone-shaped Airflow Stabilizer, at 750°C*, 2018 2022 .

ASTM E648, *Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source*, 2019ae1.

2.3.3 BHMA Publications.

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

ANSI/BHMA A156.1, *Standard for Butts and Hinges*, 2016 2021 .

ANSI/BHMA A156.4, *Standard for Door Controls (Control- Closers)* , 2019.

ANSI/BHMA A156.17, *Standard for Self Closing Hinges & Pivots*, 2019.

ANSI/BHMA A156.26, *Standard for Continuous Hinges*, 2017 2021 .

2.3.4 FM Publications.

FM Global, 270 Central Avenue, P.O. Box 7500, Johnston, RI 02919.

FM 3210, *Heat Detectors for Automatic Fire Alarm Signaling*, 2018 2021 .

2.3.5 GSA Publications.

US General Services Administration, 1800 F Street, NW, Washington, DC 20405.

Federal Specification A-A-1923A, *Shield Expansion (Lag, Machine and Externally Threaded Wedge)*, 1995.

Federal Specification A-A-1924A, *Shield, Expansion (Self Drilling Tubular Expansion Shell Bolt)*, 1995.

Federal Specification A-A-55614, *Shield, Expansion (Non-Drilling Expansion Anchors)*, 1995.

2.3.6 UL Publications.

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

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

UL 10A, *Tin-Clad Fire Doors*, 2009, revised 2018 2022 .

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

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

UL 10D, *Fire Tests of Fire-Protective Curtain Assemblies*, ~~2017~~ revised 2022 .

UL 14C, *Swinging Hardware for Standard Tin-Clad Fire Doors Mounted Singly and in Pairs*, 2006, revised ~~2017~~ 2021 .

UL 33, *Heat Responsive Links for Fire-Protection Service*, ~~2010~~ 2021 , revised ~~2020~~ 2022 .

UL 228, *Door Closers-Holders, With or Without Integral Smoke Detectors*, 2006, revised 2022.

UL 263, *Fire Tests of Building Construction and Materials*, 2011, revised ~~2020~~ 2022 .

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

UL 555C, *Ceiling Dampers*, 2014, revised ~~2017~~ 2021 .

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

UL 864, *Control Units and Accessories for Fire Alarm Systems*, 2014, revised 2020.

2.3.7 Other Publications.

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

Submitter Information Verification

Committee: FDW-AAA

Submission Date: Mon Sep 25 14:10:36 EDT 2023

Committee Statement

Committee Statement: Referenced publications updated to the most current editions.

Response Message: SR-8-NFPA 80-2023



Second Revision No. 1-NFPA 80-2023 [Section No. 2.4]

2.4 References for Extracts in Mandatory Sections.

NFPA 72[®], *National Fire Alarm and Signaling Code*[®], 2022 2025 edition.

NFPA 82, *Standard on Incinerators and Waste and Linen Handling Systems and Equipment*, 2019 2024 edition.

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

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

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

Submitter Information Verification

Committee: FDW-AAA

Submission Date: Mon Sep 25 13:44:29 EDT 2023

Committee Statement

Committee Statement: This revision updates extracted text in accordance with the Extract Policy. For substantiation on any changes, see the first and second draft reports for the source document.

Response Message: SR-1-NFPA 80-2023



Second Revision No. 28-NFPA 80-2023 [Section No. 3.3.86.2]

3.3.86.2* Label Service.

A program administered by a listing agency which enables a business entity under license to manufacture or further process and label products.

A.3.3.86.2 Label Service.

The contractual agreement between the listing agency and business entity prescribes the parameters under which label service can be performed. The business entity's facility and process are subject to periodic audits by the listing agency.

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 09:05:36 EDT 2023

Committee Statement

Committee Statement: The first revision created a definition for a term that was used and previously undefined. The second revision has refined the definition to more closely align with the contractual agreements of the business entities involved with this service.

Response Message: SR-28-NFPA 80-2023

Public Comment No. 32-NFPA 80-2023 [Section No. 3.3.86.2]



Second Revision No. 17-NFPA 80-2023 [Section No. 3.3.131]

~~3.3.131 Trained Fire Protective Curtain Assembly Technician.~~

~~A technician employed in the fire protective curtain industry with documented training by a recognized industry organization or by a manufacturer of a listed fire protective curtain assembly.~~

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Thu Oct 05 09:55:45 EDT 2023

Committee Statement

Committee Statement: This definition does not comply with the 2022 ANSI/NFPA Patent Policy & Commercial Terms and Conditions, section 3.2 which indicates "an ANS shall not... endorse or require the use of particular... training organizations." Upon notification from NFPA staff of the clause in the Commercial Terms and Conditions the committee has decided to remove this definition from the standard.

Additionally, the definition references "recognized industry organization" which is not defined. The definition also introduces the possibility to restrain trade within the industry by limiting who is permitted to inspect and service these types of doors. With this definition removed, qualifications will default to the defined term "qualified person". This would put the responsibility back on the AHJ to make determinations on the qualifications of person conducting these services.

Response Message: SR-17-NFPA 80-2023

[Public Comment No. 9-NFPA 80-2023 \[Section No. 3.3.131\]](#)



Second Revision No. 18-NFPA 80-2023 [Section No. 3.3.132]

~~3.3.132 Trained Rolling Steel Fire Door Systems Technician.~~

~~A technician employed in the rolling steel fire door industry with documented training by a recognized industry organization or by a manufacturer of a listed rolling steel fire door.~~

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Thu Oct 05 10:07:42 EDT 2023

Committee Statement

Committee Statement: This definition does not comply with the 2022 ANSI/NFPA Patent Policy & Commercial Terms and Conditions, section 3.2 which indicates "an ANS shall not... endorse or require the use of particular... training organizations." Upon notification from NFPA staff of the clause in the Commercial Terms and Conditions the committee has decided to remove this definition from the standard.

The changes proposed by the public comment are a step in the right direction but do not fully address the concerns with compliance with the 2022 ANSI/NFPA Patent Policy & Commercial Terms and Conditions, section 3.2.

Response Message: SR-18-NFPA 80-2023

[Public Comment No. 18-NFPA 80-2023 \[Section No. 3.3.132\]](#)



Second Revision No. 52-NFPA 80-2023 [Section No. 4.1.6]

4.1.6 Signage and Decorations .

Informational signs, advertising signs, and decorations Signage shall be permitted to be installed on the surfaces of fire doors in accordance with 4.1.6.1 through 4.1.6.4 or in accordance with the door manufacturer's published listing.

4.1.6.1 Allowable Area.

The total area of all ~~attached materials~~ signage shall comply with the following:

- (1) Combustible materials shall not exceed 5 percent of the area of the face of the fire door.
- (2) Painted stencils or other similar methods shall not be limited in area.
- (3) ~~Vinyl~~ Polymetric materials up to 0.008 in. (0.2 mm) in thickness shall not exceed 5 percent of the area of the face of the fire door.
- (4) Metal materials up to ~~20-gauge~~ 0.04 in. (1 mm) thickness shall not exceed 200 in.² (0.13 m²).

4.1.6.2 Means of Attachment.

4.1.6.2.1

~~Signs and decorations~~ Signage shall be attached to fire doors with adhesive, unless otherwise permitted by 4.1.6.2.3 or the door manufacturer's listing .

4.1.6.2.2

Mechanical attachments such as screws or nails shall not be permitted, unless otherwise permitted by 4.1.6.2.3 or the door manufacturer's listing .

4.1.6.2.3

~~Up~~ For hollow metal doors and 1/3 -hour-rated wood doors, up to four steel or stainless steel sheet metal screws up to US size #8 (4.2 mm) in diameter or up to four other steel fasteners not exceeding 0.17 in. (4.2 mm) shall be permitted to penetrate one side of a fire door to ~~attach metal signs and decorations~~ signage .

4.1.6.2.4

Steel fasteners permitted by 4.1.6.2.3 shall not exceed 0.5 in. (12.7 mm) in length.

4.1.6.3

~~Signs and decorations~~ Signage shall not be installed on glazing in fire doors.

4.1.6.4

~~Signs and decorations~~ Signage shall not be installed on the surface of fire doors such that ~~they impair it impairs~~ or otherwise interferes with the proper operation of the fire door.

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Tue Oct 10 15:06:31 EDT 2023

Committee Statement

Committee The revisions reflect a task group effort to address the comments submitted during first

Statement: draft voting and to provide additional clarity. Maximum fastener length for metal signage should have been addressed previously, and was chosen based on typical industry fastener length for protection plates which can be similar in material type, size, and thickness compared to allowable metal signage. Mechanical fasteners for signage may be preferred in detention and/or mental health facilities in order to reduce the possibility of signage being used as a weapon. Wood doors over 1/3-hour were excluded from using mechanical fasteners to attach metal signage due to potential heat-sink concerns unless otherwise permitted by the door manufacturer's listing. The thickness of metal materials was change from gauge to in/mm thickness due to inconsistencies in gauge thickness for various materials making it easier for inspectors to verify compliance in the field.

Response SR-52-NFPA 80-2023

Message:



Second Revision No. 45-NFPA 80-2023 [Section No. 4.2.2]

4.2.2*

New Where required by Chapters 6 through 18, new fire protection and fire resistance glazing shall be permanently marked in accordance with Table 4.2.2.

Table 4.2.2 Marking Fire-Rated Glazing Assemblies

<u>Fire Test Standard</u>	<u>Marking</u>	<u>Definition of Marking</u>
ASTM E119 or UL 263	W	Meets wall assembly criteria
NFPA 257 or UL 9	OH	Meets fire window assembly criteria, including the hose stream test
NFPA 252, UL 10B, or UL 10C	D	Meets fire door assembly criteria
	H	Meets fire door assembly hose stream test
	T	Meets 450°F (232°C) temperature rise criteria for 30 minutes
	XXX	The time, in minutes, of fire resistance or fire protection rating of the glazing assembly

[101:Table 8.3.3.6.3]

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 12:33:06 EDT 2023

Committee Statement

Committee Statement: Some requirements for glass and glazing contained in Chapter 4 are specific to only one of two product chapters and do not capture all relevant information from testing and listing done by manufacturers. This requirement is not generally applicable to all types of doors, so it was modified to only be applicable where required by a specific chapter. See SR-46 and SR-47 for companion second revisions within specific chapters.

Response Message: SR-45-NFPA 80-2023



Second Revision No. 50-NFPA 80-2023 [Section No. 4.4]

4.4 Glazing Material in Fire Doors.

4.4.1*

For rolling steel doors complying with Chapters 11 through 13, glazing shall be installed in accordance with the door manufacturer's listing.

A.4.4.1

Rolling steel doors utilize a variety of sizes and types of glazing that are listed as part of the door assembly. Some listed rolling steel doors up to 4 hours contain fire-rated glazing.

4.4.2*

Only labeled fire resistance or fire protection glazing material shall be used in fire door assemblies when permitted by the door listing. (See A.3.3.58)

4.4.3

Fire protection glazing and fire resistance glazing shall meet all applicable impact safety standards.

4.4.4* Glazing Materials in Visions Panels.

4.4.4.1

Glazing materials in vision panels shall be installed in labeled glass light kits or in accordance with the fire door listing.

4.4.4.2

Glazing materials shall be installed in accordance with the manufacturer's installation instructions.

4.4.4.3*

For new wood doors complying with Chapter 6, glazing materials in vision panels shall be installed in accordance with the fire door listing and under label service unless otherwise permitted by 4.4.3.4 4.4.4.4.

See SR-48

4.4.4.4*

Field glazing of labeled metal frame vision light kits installed in accordance with the manufacturer's installation instructions shall be permitted for new wood doors with light cutouts machined under label service.

4.4.5*

Fire protection glazing not exceeding 100 in.² (0.065 m²) shall be permitted in fire doors having a 3-hour fire protection rating or in fire doors having a 1½-hour fire protection rating for use in severe exterior fire exposure locations where the fire protection glazing has been tested for the desired rating period with no through-openings in accordance with NFPA 252, UL 10B, *Fire Tests of Door Assemblies*, or UL 10C, *Positive Pressure Fire Tests of Door Assemblies*.

4.4.6*

Glazing For doors complying with Chapter 6, glazing material shall be permitted in fire doors having the fire protection ratings shown in ~~Table 4.4.5.1~~ Table 4.4.6.1 when tested in accordance with NFPA 252, UL 10B, *Fire Tests of Door Assemblies*, or UL 10C, *Positive Pressure Fire Tests of Door Assemblies*.

Detail SR-49

4.4.6.1

Maximum area of glazing shall be in accordance with Table 4.4.6.1 .

Table 4.4.6.1 Fire Door Rating

<u>Fire Door Rating</u> (hr)	<u>Maximum Area of Glazing</u> (per Door Leaf ^a)
1/2, 1/3	Limited to maximum area tested
3/4	Limited to maximum area tested ^b
1 ^c , 1 1/2 ^{a,c}	Limited to maximum area tested
3 ^a	100 in. ² (0.065 m ²)

^aSee also requirements in 4.4.45.

^bSee 4.4.5-14.4.6.2.

^cFire protection glazing materials exceeding 100 in.² (0.065 m²) in area are not permitted in temperature-rise-rated doors.

4.4.6.2

Maximum area of individual exposed lights shall be 1296 in.² (0.84 m²) with no dimension exceeding 54 in. (1.37 m) unless otherwise tested.

4.4.7

Each individual glazing unit shall be identified with a label that is visible after installation, unless otherwise permitted by the door manufacturer's listing .

4.4.8

Viewers in fire doors shall be labeled.

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 13:04:12 EDT 2023

Committee Statement

Committee Statement: Some requirements for glass and glazing contained in Chapter 4 are specific to only one of two product chapters and do not capture all relevant information from testing and listing done by manufacturers. Some current information was scoped for specific doors and clarification was provided appropriate to help clarify when the current requirements are accurate and when flexibility is needed (e.g. glass/glazing in rolling steel doors). Rolling steel doors have too many variables/differences for size, quantity, labeling, and types of glass for any 'general' requirements to be meaningful.

Response Message: SR-50-NFPA 80-2023



Second Revision No. 21-NFPA 80-2023 [Section No. 4.7.1.5]

4.7.1.5*

Actuation devices used in conjunction with material handling systems(e.g., conveyor) shall be arranged to do all of the following:

- (1) Stop the feed conveyor or otherwise initiate the mechanism that clears the path of the fire door.
- (2) Provide an adequate time delay, not exceeding 10 seconds, to clear the opening.
- (3) Activate the automatic- or self-closing mechanism.

Submitter Information Verification

Committee: FDW-AAA

Submission Date: Thu Oct 05 14:11:22 EDT 2023

Committee Statement

Committee Statement: Removed example as examples are not permitted in mandatory sections per the NFPA Manual of Style.

Response Message: SR-21-NFPA 80-2023



Second Revision No. 25-NFPA 80-2023 [Section No. 4.7.4.3.1]

4.7.4.3.1

Fusible links shall be located near the top of the opening on each the side of the wall on which the door is installed .

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Thu Oct 05 15:37:54 EDT 2023

Committee Statement

Committee Statement: There was an FR that was intended to be editorial in nature that incidentally resulted in a technical change. Fusible links are not nor have they previously been required to be provided on both sides of the wall near the top of the opening.

Response Message: SR-25-NFPA 80-2023



Second Revision No. 37-NFPA 80-2023 [Section No. 4.8.4.4]

4.8.4.4

Where the bottom of the door is more than 38 in. (965 mm) above the finished floor, the maximum clearance shall not exceed $\frac{3}{8}$ in. (9.5 mm) or ~~as specified by~~ in accordance with the manufacturer's ~~label service procedure~~ listing .

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 11:38:42 EDT 2023

Committee Statement

Committee Statement: The usage of the term "label service" was reviewed for consistency with the new definition. Modifications were made to ensure that the usage of the term and references to this program are consistent throughout the document.

Response Message: SR-37-NFPA 80-2023



Second Revision No. 16-NFPA 80-2023 [Section No. 5.1.4.2.1]

5.1.4.2.1

Preparation of fire door assemblies for locks, latches, hinges, remotely operated or remotely monitored hardware, concealed closers, glass lights, vision panels, louvers, astragals, and split astragals and the application of plant-ons and laminated overlays shall be performed in accordance with the ~~manufacturer's inspection service procedure~~ manufacturers' listings and under label service. (See *Annex E* and *Annex F*.)

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Wed Oct 04 17:03:12 EDT 2023

Committee Statement

Committee Statement: The usage of the term "label service" was reviewed for consistency with the new definition. Modifications were made to ensure that the usage of the term and references to this program are consistent throughout the document.

Response Message: SR-16-NFPA 80-2023



Second Revision No. 3-NFPA 80-2023 [Section No. 5.2.2.3]

5.2.2.3*

The records shall be on a medium that will survive the retention period. ~~Paper or electronic media shall be permitted.~~ [72:14.6.2.3]

5.2.2.4

Paper or electronic media shall be permitted. [72:14.6.2.3 4]

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Mon Sep 25 13:51:24 EDT 2023

Committee Statement

Committee Statement: This revision updates extracted text in accordance with the Extract Policy. For substantiation on any changes, see the first and second draft reports for the source document.

Response Message: SR-3-NFPA 80-2023



Second Revision No. 29-NFPA 80-2023 [New Section after 5.2.3.1]

5.2.3.2

For doors complying with Chapter 9 , acceptance testing shall be performed in accordance with manufacturer's installation instructions by a trained technician.

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 09:43:28 EDT 2023

Committee Statement

Committee Statement: It is imperative for the proper function of these types of doors that they are tested in accordance with the manufacturer's installation instructions by personnel that are trained on the testing and operation of these doors.

The annex section was removed due to violation with the NFPA Commercial Terms and Conditions Policy section 3.2

Response Message: SR-29-NFPA 80-2023

[Public Comment No. 34-NFPA 80-2023 \[New Section after 5.2.3.1\]](#)

[Public Comment No. 35-NFPA 80-2023 \[New Section after A.5.2.3.1\]](#)



Second Revision No. 30-NFPA 80-2023 [New Section after 5.2.3.9]

5.2.3.10 Special-Purpose Horizontally Sliding Accordion or Folding Doors.

5.2.3.10.1

Fire door assemblies shall be visually inspected from both sides to assess the overall condition of the door assembly.

5.2.3.10.2

Power-operated door assemblies shall be tested in accordance with both of the following:

- (1) One cycle in normal operating mode
- (2) Two complete cycles in alarm mode

5.2.3.10.3

As a minimum, the following items shall be verified:

- (1) Labels are clearly visible and legible.
- (2) No open holes or breaks exist in surfaces of the door or assembly.
- (3) Glazing, vision light frames, and glazing beads are intact and securely fastened in place, if so equipped.
- (4) All components of the assembly are secured, mounted, aligned, and in working order with no visible signs of damage.
- (5) Clearances do not exceed clearances listed in 4.8.4 and Section 9.3 .
- (6) All track assembly components are unobstructed and operating freely.
- (7) The door control key switch is operational, if so equipped.
- (8) A full visual and functional test is performed on the control system, obstruction-sensing device, and power source, demonstrating the door assembly is operational in accordance with the manufacturer's installation instructions and listing.
- (9) The automatic-closing device functions so that the door does not have a delay in the initiation of closing exceeding the time permitted by 9.4.1.2 .
- (10) The door closes completely in accordance with 9.1.4.3 and 9.1.4.4 .
- (11) The average closing speed is not less than 6 in./sec (152 mm/sec) or more than 24 in./sec (610 mm/sec).
- (12) No field modifications to the door assembly have been performed.
- (13) Auxiliary hardware items do not interfere or prohibit operation.
- (14) Exit hardware operates in accordance with the manufacturer's listing.

Submitter Information Verification

Committee: FDW-AAA

Submission Date: Fri Oct 06 09:51:14 EDT 2023

Committee Statement

Committee Chapter 9 doors are a unique type of opening protective and do not currently have

Statement: their own inspection criteria. These criteria are provided to ensure that these types of door are properly inspected and tested.

Response Message: SR-30-NFPA 80-2023

[Public Comment No. 41-NFPA 80-2023 \[New Section after 5.2.3.9\]](#)

[Public Comment No. 46-NFPA 80-2023 \[New Section after 5.2.3.9\]](#)

[Public Comment No. 39-NFPA 80-2023 \[New Section after 5.2.3.9\]](#)

[Public Comment No. 43-NFPA 80-2023 \[New Section after 5.2.3.9\]](#)

[Public Comment No. 45-NFPA 80-2023 \[New Section after 5.2.3.9\]](#)

[Public Comment No. 40-NFPA 80-2023 \[New Section after 5.2.3.9\]](#)

[Public Comment No. 37-NFPA 80-2023 \[New Section after 5.2.3.9\]](#)



Second Revision No. 31-NFPA 80-2023 [New Section after 5.2.4.2]

5.2.4.3

For doors complying with Chapter 9 , periodic inspections and testing shall be performed in accordance with manufacturer's installation instructions by a trained technician.

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 09:54:31 EDT 2023

Committee Statement

Committee Statement: It is imperative for the proper function of these types of doors that they are tested in accordance with the manufacturer's installation instructions by personnel that are trained on the testing and operation of these doors.

The annex section was removed due to violation with the NFPA Commercial Terms and Conditions Policy section 3.2

Response Message: SR-31-NFPA 80-2023

[Public Comment No. 29-NFPA 80-2023 \[New Section after A.5.2.4.2\]](#)

[Public Comment No. 28-NFPA 80-2023 \[New Section after 5.2.4.2\]](#)



Second Revision No. 32-NFPA 80-2023 [New Section after 5.5.10.2]

5.5.10.4

For doors complying with Chapter 9 , maintenance or repairs shall be performed in accordance with manufacturer's installation instructions by a trained technician.

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 10:14:50 EDT 2023

Committee Statement

Committee Statement: It is imperative for the proper function of these types of doors that they are maintained and repaired in accordance with the manufacturer's installation instructions by personnel that are trained on the maintenance and repair of these doors.

Response Message: SR-32-NFPA 80-2023

Public Comment No. 47-NFPA 80-2023 [New Section after 5.5.10.3]



Second Revision No. 23-NFPA 80-2023 [Section No. 5.5.10.3]

5.5.10.3

For rolling steel doors complying with Chapters 11 and 13, repairs shall be made by a trained rolling steel fire door systems technician.

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Thu Oct 05 14:16:51 EDT 2023

Committee Statement

Committee Statement: Not all doors within Chapter 13 are rolling steel doors so a qualifier was added clarifying this provision is only applicable to rolling steel doors.

Response Message: SR-23-NFPA 80-2023



Second Revision No. 24-NFPA 80-2023 [Sections 6.1.4.2.1, 6.1.4.2.2]

6.1.4.2.2

~~The complete fire door assembly shall have been tested for egress panic load requirements.~~

6.1.4.3

The label described in 6.1.4.2 shall address the reinforcements necessary for the fire exit hardware.

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Thu Oct 05 15:35:45 EDT 2023

Committee Statement

Committee Statement: No test exists for egress panic load requirements for a complete fire door assembly so this provision was removed.

Response Message: SR-24-NFPA 80-2023



Second Revision No. 26-NFPA 80-2023 [Section No. 6.4.3.1.5.1]

6.4.3.1.5.1

Hinges or pivots employing other antifriction bearing surfaces shall be permitted if they meet the requirements of ANSI/BHMA A156.1, *Standard for Butts and Hinges*, or ANSI/BHMA A156.4, *Standard for Door Control-Closers*.

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Thu Oct 05 15:45:23 EDT 2023

Committee Statement

Committee Statement: Pivots are outside the scope of ANSI/BHMA A156.1 so reference to A156.4 for pivots was added.

Response Message: SR-26-NFPA 80-2023



Second Revision No. 38-NFPA 80-2023 [Section No. 6.4.3.1.8.4]

6.4.3.1.8.4

Pivot sets made up of components that are smaller or of a lighter gauge than those shown in Table 6.4.3.1 shall be permitted to be used, provided they meet the requirements of ANSI/BHMA A156.4, *Standard for Door Controls (Control Closers)*, and are in accordance with the ~~manufacturer's label service procedures~~ manufacturers' listings.

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 11:42:13 EDT 2023

Committee Statement

Committee Statement: The usage of the term "label service" was reviewed for consistency with the new definition. Modifications were made to ensure that the usage of the term and references to this program are consistent throughout the document.

Response Message: SR-38-NFPA 80-2023



Second Revision No. 39-NFPA 80-2023 [Section No. 6.4.4.9]

6.4.4.9

Strike plates shall be secured to the frame with steel screws or other types of screws as indicated by in accordance with the manufacturer's ~~published listing or label service~~ procedure .

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 11:43:12 EDT 2023

Committee Statement

Committee Statement: The usage of the term "label service" was reviewed for consistency with the new definition. Modifications were made to ensure that the usage of the term and references to this program are consistent throughout the document.

Response Message: SR-39-NFPA 80-2023



Second Revision No. 40-NFPA 80-2023 [Section No. 7.4.3.2]

7.4.3.2* Hinges and Latches, Number and Length.

The number and length of both the hinges and the latches shall be in accordance with the manufacturer's ~~label service procedure and individual published~~ listing.

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 11:44:49 EDT 2023

Committee Statement

Committee Statement: The usage of the term "label service" was reviewed for consistency with the new definition. Modifications were made to ensure that the usage of the term and references to this program are consistent throughout the document.

Response Message: SR-40-NFPA 80-2023



Second Revision No. 41-NFPA 80-2023 [Section No. 8.2.4.1.4]

8.2.4.1.4

Other types of doors containing combustible core material shall be vented ~~as provided by~~ in accordance with the manufacturer's ~~procedure under label service~~ listing .

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 11:45:39 EDT 2023

Committee Statement

Committee Statement: The usage of the term "label service" was reviewed for consistency with the new definition. Modifications were made to ensure that the usage of the term and references to this program are consistent throughout the document.

Response Message: SR-41-NFPA 80-2023



Second Revision No. 42-NFPA 80-2023 [Section No. 8.4.3.2]

8.4.3.2 Tracks.

Tracks shall be inclined or level, ~~depending on~~ in accordance with the manufacturer's specific label service procedure listing .

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 11:47:15 EDT 2023

Committee Statement

Committee Statement: The usage of the term "label service" was reviewed for consistency with the new definition. Modifications were made to ensure that the usage of the term and references to this program are consistent throughout the document.

Response Message: SR-42-NFPA 80-2023



Second Revision No. 43-NFPA 80-2023 [Section No. 8.4.3.3.2]

8.4.3.3.2

The bolt spacing shall be ~~determined by~~ in accordance with the manufacturer's ~~specific test and label service procedure~~ listing .

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 11:48:11 EDT 2023

Committee Statement

Committee Statement: The usage of the term "label service" was reviewed for consistency with the new definition. Modifications were made to ensure that the usage of the term and references to this program are consistent throughout the document.

Response Message: SR-43-NFPA 80-2023



Second Revision No. 44-NFPA 80-2023 [Section No. 8.4.3.5.3]

8.4.3.5.3

Biparting sliding doors shall be provided with the sill binders or center guides if required by the individual- manufacturer's ~~label-service-procedure~~ [listing](#) .

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 12:28:50 EDT 2023

Committee Statement

Committee Statement: The usage of the term "label service" was reviewed for consistency with the new definition. Modifications were made to ensure that the usage of the term and references to this program are consistent throughout the document.

Response Message: SR-44-NFPA 80-2023



Second Revision No. 6-NFPA 80-2023 [Section No. 15.3.2.1]

15.3.2.1

All chute intake doors into a linen or waste chute shall be listed and provided with a self-closing, positive-latching and gasketed fire door assembly in accordance with 15.2.1.
[82:6.2.3.3.2.1]

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Mon Sep 25 14:04:40 EDT 2023

Committee Statement

Committee Statement: This revision updates extracted text in accordance with the Extract Policy. For substantiation on any changes, see the first and second draft reports for the source document.

Response Message: SR-6-NFPA 80-2023



Second Revision No. 27-NFPA 80-2023 [Section No. 16.2.2.1]

16.2.2.1

Vertical access doors shall have a fire protection rating of ¾ hour, 1 hour, or 1½ hours. (See Annex *ED*.)

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Thu Oct 05 16:40:42 EDT 2023

Committee Statement

Committee Statement: Correcting an incorrect cross reference.

Response Message: SR-27-NFPA 80-2023



Second Revision No. 55-NFPA 80-2023 [New Section after 17.2.3.2]

18.2.3.3

Glazing shall be marked in accordance with 4.2.2 .

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Thu Nov 02 11:29:32 EDT 2023

Committee Statement

Committee Statement: Some requirements for glass and glazing contained in Chapter 4 are specific to only one of two product chapters and do not capture all relevant information from testing and listing done by manufacturers. SR-45 in Chapter 4 revised the requirement to only be applicable when required by the specific product chapter, this second revision provides that pointer. This second revision is not creating a technical change, just providing clarification on the application of the existing requirements.

Response Message: SR-55-NFPA 80-2023



Second Revision No. 15-NFPA 80-2023 [Section No. 19.3.4.1.3]

20.3.4.1.3*

Where approved by the AHJ, in In existing, fully ducted HVAC systems, periodic testing shall not be required when documented as required by 20.3.4.3 for a single damper ~~that is not accessible~~ — within a rated barrier or shaft—that is designated by the AHJ to be inaccessible .

Submitter Information Verification

Committee: FDW-AAA

Submission Date: Wed Oct 04 12:19:25 EDT 2023

Committee Statement

Committee Statement: This clarifies the condition which the AHJ is approving. They are approving the inaccessible designation for a damper. The term "not accessible" was changed to "inaccessible" for consistency.

It is imperative for the AHJ to be involved in the determination of the inaccessible condition. It outside the scope of NFPA 80 to determine who is the AHJ and how they apply the standard.

Response Message: SR-15-NFPA 80-2023

[Public Comment No. 54-NFPA 80-2023 \[Section No. 19.3.4.1.3\]](#)

[Public Comment No. 7-NFPA 80-2023 \[Section No. 19.3.4.1.3\]](#)

[Public Comment No. 55-NFPA 80-2023 \[Section No. A.19.3.4.1.3\]](#)

[Public Comment No. 2-NFPA 80-2023 \[Section No. 19.3.4.1.3\]](#)



Second Revision No. 33-NFPA 80-2023 [Section No. 19.3.4.1.4]

(A)

A visual inspection in accordance with 20.3.4.2.3.2 shall be performed at least once every third cycle as required by 20.3.4.1.2.

Submitter Information Verification

Committee: FDW-AAA

Submission Date: Fri Oct 06 10:18:08 EDT 2023

Committee Statement

Committee Statement: This revision is more appropriate under 19.3.4.2.3.3(A)(4), as the intent is to require that a visual inspection in accordance with 19.3.4.2.3.2 shall be performed at least once every third test cycle, including dampers utilizing remote inspection.

Response Message: SR-33-NFPA 80-2023

[Public Comment No. 12-NFPA 80-2023 \[Section No. 19.3.4.1.4\]](#)

[Public Comment No. 13-NFPA 80-2023 \[New Section after 19.3.4.2.3.3\(A\)\]](#)



Second Revision No. 53-NFPA 80-2023 [New Section after 19.3.4.3.3]

20.3.4.4 Performance-Based Option.

20.3.4.4.1

As an alternate means of compliance, subject to AHJ approval, dampers shall be permitted to be inspected, tested, and maintained under a written performance-based program under the direction of a qualified person.

20.3.4.4.2

Goals established under a performance-based program shall provide assurance that the damper will perform its intended function when exposed to fire conditions.

20.3.4.4.3

Technical justification for inspection, testing, and maintenance intervals shall be documented in writing and approved by the AHJ.

20.3.4.4.4

The performance-based option shall include historical data that is approved by the AHJ.

20.3.4.4.5

The basis and assumptions for the performance-based design shall be reevaluated at a frequency approved by the AHJ.

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Tue Oct 10 15:15:57 EDT 2023

Committee Statement

Committee Statement: The committee is including a performance-based option for ITM of dampers to address occupancy or building specific concerns and emerging technologies. The provisions provide a comprehensive set of requirements for performance-based ITM of dampers.

Response Message: SR-53-NFPA 80-2023



Second Revision No. 22-NFPA 80-2023 [Section No. 20.1.5]

20.1.5 Definitions.

20.1.5.1 Batten.

A horizontal pipe, tube, or other structural shape in a pocket of or attached to a fire safety curtain. (See 3.3.13.)

20.1.5.2 Bumper (Fire Safety Curtain).

A filled fabric pocket below the bottom batten or frame member of a fire safety curtain designed to press against the floor. (See 3.3.17.)

20.1.5.3 Fire Safety Curtain.

A curtain of fire-resistant fabric and noncombustible framing materials. (See 3.3.63.)

20.1.5.3.1 Brail Fire Safety Curtain.

A fire safety curtain that folds up and stores in the space above a proscenium opening. (See 3.3.63.1.)

20.1.5.3.2 Straight-Lift Fire Safety Curtain.

A fire safety curtain consisting of one or more flat panel(s) that lifts up and stores above the proscenium opening. (See 3.3.63.2.)

20.1.5.3.3 Unframed Fire Safety Curtain.

A straight lift fire safety curtain containing no internal vertical framing members. (See 3.3.63.3.)

20.1.5.4 Fire Safety Curtain Assembly.

A fire safety curtain and all other components necessary to form a complete assembly. (See 3.3.64.)

20.1.5.4.1 Framed Fire Safety Curtain Assembly.

A straight-lift-type fire safety curtain assembly containing a rigid perimeter frame and internal members. (See 3.3.64.1.)

20.1.5.5 Proscenium Wall.

The wall that separates the stage from the auditorium or house. [5000, -2021]. (See 3.3.97.)

20.1.5.6 Purchase Line (Hand Line).

The line attached to the counterweight for manual opening and closing of the fire safety curtain. (See 3.3.98.)

20.1.5.7 Roller Guide/Metal Track Side Edge Guide System.

Continuous tracks with captive trolleys or rollers at each vertical edge of the curtain used to guide and restrain the fire safety curtain. (See 3.3.101.)

20.1.5.8 Side Guide Cable System.

A continuous vertical cable at each vertical edge of the curtain used to guide and restrain the fire safety curtain. (See 3.3.109.)

20.1.5.9 Stay Chain.

A chain used to support the fire safety curtain. (See 3.3.123.)

20.1.5.10 ~~Vertical Guide Pocket.~~

~~A partial enclosure at the vertical edge of the proscenium that protects the vertical edges and guides of a fire safety curtain. (See 3.3.141 .)~~

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Thu Oct 05 14:13:51 EDT 2023

Committee Statement

Committee Statement: These definitions can be found in Chapter 3.

Response Message: SR-22-NFPA 80-2023



Second Revision No. 4-NFPA 80-2023 [Section No. 21.6.2.3]

22.6.2.3

The records shall be on a medium that will survive the retention period. ~~Paper or electronic media shall be permitted.~~ [72:14.6.2.3]

22.6.2.4

Paper or electronic media shall be permitted. [72: 14.6.2.4]

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Mon Sep 25 13:53:35 EDT 2023

Committee Statement

Committee Statement: This revision updates extracted text in accordance with the Extract Policy. For substantiation on any changes, see the first and second draft reports for the source document.

Response Message: SR-4-NFPA 80-2023



Second Revision No. 51-NFPA 80-2023 [Section No. 21.8.1]

22.8.1*

Periodic inspections and testing of fire protective curtain assemblies shall be performed not less than annually by a trained fire protective curtain assembly technician.

A.22.8.1

Fire protective curtain assemblies are unique with respect to other fire protective assembly types because of the complexity of the operational design, required maintenance, and control systems of these assemblies. To ensure these assemblies work as intended, periodic inspection, testing, and maintenance should be in accordance with the manufacturer's installation instructions by a trained technician.

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Tue Oct 10 15:02:45 EDT 2023

Committee Statement

Committee Statement: It is important for the proper function of these types of assemblies that they are tested in accordance with the manufacturer's installation instructions by personnel that are trained on the testing and operation of these assemblies.

Response Message: SR-51-NFPA 80-2023



Second Revision No. 19-NFPA 80-2023 [Section No. 21.9.5]

22.9.5

Maintenance of fire protective curtain assemblies shall be performed by a qualified person trained fire protective curtain assembly technician .

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Thu Oct 05 13:15:01 EDT 2023

Committee Statement

Committee Statement: Chapter 21 assemblies are outside the scope of Chapter 5, so these changes were made to the applicable section in Chapter 21.

It is imperative for the proper function of these assemblies that they are repaired by personnel that are trained on the repairs of these assemblies.

Response Message: SR-19-NFPA 80-2023

[Public Comment No. 15-NFPA 80-2023 \[New Section after 5.5.10.3\]](#)



Second Revision No. 36-NFPA 80-2023 [Section No. A.4.4.3.3]

A.4.4.4.3

The 2010 edition of NFPA 80 was modified to require that new wood fire doors have the glazing and light kit installed ~~at the door manufacturer or~~ under that door manufacturer's label service. ~~This to~~ ensures that all components of the glazed assembly in the new wood door have been properly installed ~~per the manufacturer's follow-up service procedure~~ .

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 11:36:59 EDT 2023

Committee Statement

Committee Statement: The usage of the term "label service" was reviewed for consistency with the new definition. Modifications were made to ensure that the usage of the term and references to this program are consistent throughout the document.

Response Message: SR-36-NFPA 80-2023



Second Revision No. 35-NFPA 80-2023 [Section No. A.5.2.2.4(9)]

A.5.2.2.5(9)

To aid the AHJ during the review of the inspections and testing reports, the records should include a description of the type of fire door assembly as follows:

Type 6: Swinging door with builders hardware

Type 7: Swinging fire door with fire door hardware

Type 8: Horizontally sliding fire door

Type 9: Special purpose horizontally accordion or folding door

Type 10: Vertically sliding fire door

Type 11: Rolling steel door

Type 12: Fire shutter

Type 13: Service counter fire door

Type 14: Hoistway doors for elevators and dumbwaiter

Type 15: Chute door

Type 16: Access door

Type 17: Horizontal fire door assemblies

Type ~~17~~ 18 : Fire window

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Fri Oct 06 11:08:58 EDT 2023

Committee Statement

Committee Statement: Revised to add new door type added by Chapter 17

Response Message: SR-35-NFPA 80-2023



Second Revision No. 14-NFPA 80-2023 [Section No. A.6.4.1.5]

A.6.4.1.5

Adequate spring power is essential for hydraulic door closers to close a fire door with sufficient force to overcome the resistance of the latching mechanism. However, too much spring power causes opening resistance and makes it difficult for ~~the handicapped, the infirm,~~ individuals with mobility disabilities and for young children to open doors.

Closers are categorized in sizes from 2 to 6, with an increased closing force for higher numbers. Generally, a size 4 minimum closer should be used on exterior fire doors and a size 3 minimum closer should be used on interior fire doors. Door widths greater than 3 $\frac{1}{8}$ ft (0.97 m) exterior and 3 $\frac{1}{2}$ ft (1.02 m) interior, parallel or single lever arm applications, and abnormal air pressures usually require an increase to the next size. A combination of these factors could necessitate an increase of two sizes. Individual manufacturer recommendations should be consulted.

Spring hinges should be adjusted to achieve positive latching when allowed to close freely from an open position of 30 degrees.

Where indicated in individual certifications, products have additionally been investigated in accordance with UL 10C, *Positive Pressure Fire Tests of Door Assemblies*.

Submitter Information Verification

Committee: FDW-AAA

Submission Date: Wed Oct 04 11:03:05 EDT 2023

Committee Statement

Committee Statement: The technical committee agrees with the substantiation on the public comment, which is as follows:

The NFPA Disability Access Review and Advisory Committee (DARAC) requests an update to the terminology used to describe individuals with disabilities. In general, we suggest using “people first” language to avoid characterizing a person or group of persons entirely by their disability. Also, where possible, we recommend substituting the appropriate technical term when describing building elements that are accessible to individuals with disabilities, rather than describing the element as being “for” such people. For example, we would say “accessible parking” instead of “handicap parking”. The substitute terms we recommend are found to be more acceptable to the disability community and its supporters and, therefore, demonstrate greater respect.

Response Message: SR-14-NFPA 80-2023

Public Comment No. 1-NFPA 80-2023 [Section No. A.6.4.1.5]



Second Revision No. 9-NFPA 80-2023 [Section No. L.1.2]

L.1.2 Other Publications.

L.1.2.1 ASME Publications.

American Society of Mechanical Engineers, Two Park Avenue, New York, NY 10016-5990.

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 .

L.1.2.2 ASTM Publications.

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

ASTM D5034, *Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)*, 2009, ~~reapproved 2017~~ 2021 .

ASTM E90, *Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements*, 2009, reapproved 2016.

ASTM E119, *Standard Test Methods for Fire Tests of Building Construction and Materials*, 2020 2022 .

ASTM E413, *Classification for Rating Sound Insulation*, 2016 2022 .

L.1.2.3 ISO Publications.

International Organization for Standardization, ISO Central Secretariat, BIBC II, Chemin de Blandonnet 8, CP 401, 1214 Vernier, Geneva, Switzerland.

ISO 3009, *Fire resistance tests — Elements of building construction — Glazed elements*, 2003.

L.1.2.4 NAAMM/HMMA Publications.

National Association of Architectural Metal Manufacturers/Hollow Metal Manufacturers Association, 800 Roosevelt Road, Building C, Suite 312, Glen Ellyn, IL 60137.

ANSI/NAAMM-HMMA-862, *Guide Specifications for Commercial Forced Entry/Bullet Resistant (FE/BR) Security Hollow Metal Doors and Frames*, 2013 2021 .

ANSI/NAAMM-HMMA-863, *Guide Specifications for Detention Security Hollow Metal Doors and Frames*, 2014.

ANSI/NAAMM-HMMA-866, *Guide Specifications for Stainless Steel Hollow Metal Doors and Frames*, 2012.

L.1.2.5 SFPE Publications.

Society of Fire Protection Engineers, 9711 Washingtonian Blvd, Suite 380, Gaithersburg, MD 20878.

“Guidelines for Peer Review in the Fire Protection Design Process,” 2009.

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

SFPE Handbook of Fire Protection Engineering, 2016.

L.1.2.6 UL Publications.

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

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

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

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

UL 10D, *Fire Tests of Fire-Protective Curtain Assemblies*, 2017, revised 2022 .

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

UL 752, *Bullet-Resisting Equipment*, 2005, revised ~~2015~~ 2021 .

L.1.2.7 ULC Publications.

Underwriters' Laboratories of Canada, 7 Underwriters Road, Toronto, ON, M1R 3A9, Canada.

CAN/ULC-S104, *Standard Method for Fire Tests of Door Assemblies*, 2015, revised 2020 .

CAN4-S106, *Standard Method for Fire Tests of Window and Glass Block Assemblies*, 2015, revised 2020 .

L.1.2.8 US Government Publications.

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

Title 16, Code of Federal Regulations, Part 1201, "Safety Standard for Architectural Glazing Materials."

L.1.2.9 Additional Publications.

Law, Margaret, "Heat Radiation from Fires and Building Separation," Fire Research Technical Paper No. 5, London, 1963.

Law, Margaret, "Safe Distances from Wired Glass Screening a Fire," *Institution of Fire Engineers Quarterly*, London, 1969.

Nelson, Harold E., "Radiant Energy Transfer in Fire Protection Engineering Problem Solving," *Fire Technology*, Vol. 4, No. 3, pp. 196–205, August 1968.

Submitter Information Verification

Committee: FDW-AAA

Submission Date: Mon Sep 25 14:22:23 EDT 2023

Committee Statement

Committee Statement: Referenced publications updated to the most current editions.

Response Message: SR-9-NFPA 80-2023



Second Revision No. 10-NFPA 80-2023 [Section No. L.2]

L.2 Informational References.

The following documents or portions thereof are listed here as informational resources only. They are not a part of the requirements of this document.

L.2.1 ANSI Publications.

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

ANSI A133.1, *Tin-Clad Fire Doors Mounted Singly and in Pairs*, 1993.

ANSI Z97.1, *Safety Glazing Materials Used in Buildings — Safety Performance Specifications and Methods of Test*, 2015, revised 2022 .

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Mon Sep 25 14:28:29 EDT 2023

Committee Statement

Committee Statement: Informational reference updated to the most current edition.

Response Message: SR-10-NFPA 80-2023



Second Revision No. 2-NFPA 80-2023 [Section No. L.3]

L.3 References for Extracts in Informational Sections.

NFPA 72[®], *National Fire Alarm and Signaling Code*[®], 2022 2025 edition.

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

Submitter Information Verification

Committee: FDW-AAA

Submittal Date: Mon Sep 25 13:50:02 EDT 2023

Committee Statement

Committee Statement: This revision updates extracted text in accordance with the Extract Policy. For substantiation on any changes, see the first and second draft reports for the source document.

Response Message: SR-2-NFPA 80-2023