



## Second Revision No. 14-NFPA 80-2020 [ Global Comment ]

Replace all instances of the term *counter door* with the term *service counter fire door*.

### Submitter Information Verification

**Committee:**

**Submission Date:** Fri Oct 09 12:00:18 EDT 2020

### Committee Statement

**Committee Statement:** The second revision undoes the global first revision that revised the terms 'service counter fire door' and 'service counter door' to 'counter door'. In industry terms, a counter fire door is simply a smaller and more compactly constructed version of a full size rolling steel fire door. It can be – but is not always – used on a service counter opening. Its guides are installed on the face of the wall or between the jambs. There is no frame or sill. They are covered by UL category GSVV. A service counter fire door is a different product that is normally restricted to small sizes typical of service counter openings. It is usually installed as an integral assembly into an opening, and includes a frame that typically includes a sill. It is covered by a separate UL category GSWT. The current terminology is category/construction based and not application based. At best, the global change to "counter door" will lead to confusion. Worst case, AHJs will expect to find frames and sills on products when they are not required by their listing. Therefore, the terms "service counter fire door" and "counter fire doors" should continue to be as shown in the 2019 edition of the standard.

**Response Message:** SR-14-NFPA 80-2020

[Public Comment No. 1-NFPA 80-2020 \[Section No. 3.3.33\]](#)



## Second Revision No. 2-NFPA 80-2020 [ Section No. 2.3.2 ]

### 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.

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

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

ASTM E119, *Standard Test Methods for Fire Tests of Building Construction and Materials*, 2019 2020 .

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

### Submitter Information Verification

**Committee:** FDW-AAA

**Submission Date:** Mon Aug 10 10:17:52 EDT 2020

### Committee Statement

**Committee Statement:** Updated to most current editions per NFPA Manual of Style.

**Response Message:** SR-2-NFPA 80-2020



## Second Revision No. 3-NFPA 80-2020 [ Section No. 2.3.6 ]

### 2.3.6 UL Publications.

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

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

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

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

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

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

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

UL 33, *Heat Responsive Links for Fire-Protection Service*, 2010, revised ~~2015~~ 2020 .

UL 263, *Fire Tests of Building Construction and Materials*, 2011, revised ~~2018~~ 2020 .

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

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

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

UL 864, *Control Units and Accessories for Fire Alarm Systems*, 2014, revised ~~2018~~ 2020 .

### Submitter Information Verification

**Committee:** FDW-AAA

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### Committee Statement

**Committee Statement:** Updated to most current editions per NFPA Manual of Style.

**Response Message:** SR-3-NFPA 80-2020



## Second Revision No. 4-NFPA 80-2020 [ Section No. 2.4 ]

### 2.4 References for Extracts in Mandatory Sections.

NFPA 72<sup>®</sup>, *National Fire Alarm and Signaling Code*<sup>®</sup>, 2019 2022 edition.

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

NFPA 101<sup>®</sup>, *Life Safety Code*<sup>®</sup>, 2018 2021 edition.

NFPA 5000<sup>®</sup>, *Building Construction and Safety Code*<sup>®</sup>, 2018 2021 edition.

### Submitter Information Verification

**Committee:** FDW-AAA

**Submittal Date:** Mon Aug 10 10:21:09 EDT 2020

### Committee Statement

**Committee Statement:** Updated to most current edition per NFPA Manual of Style.

Editorial to update Table 4.2.2 with updated table from NFPA 101.

**Response Message:** SR-4-NFPA 80-2020



## Second Revision No. 5-NFPA 80-2020 [ Section No. 3.3.9 ]

### 3.3.9\* Automatic Fire Detector.

A device designed to detect the presence of a fire signature and to initiate action. ~~For the purpose of this standard, automatic fire detectors are classified as follows: Automatic Fire Extinguishing or Suppression System Operation Detector, Fire Gas Detector, Heat Detector, Other Fire Detectors, Radiant Energy Sensing Fire Detector, and Smoke Detector. [72, 2019 2022 ]~~

#### A.3.3.9 Automatic Fire Detector.

For this standard, automatic fire detectors are classified as follows: automatic fire extinguishing or suppression system operation detector, fire gas detector, heat detector, other fire detectors, radiant-energy-sensing fire detector, and smoke detector. [ 72, 2022]

### Submitter Information Verification

**Committee:** FDW-AAA

**Submittal Date:** Mon Aug 10 10:35:14 EDT 2020

### Committee Statement

**Committee Statement:** Moved informational portion to annex material to correlate with extracted material from NFPA 72.

**Response Message:** SR-5-NFPA 80-2020



## Second Revision No. 29-NFPA 80-2020 [ Section No. 4.2.2 ]

### 4.2.2\*

New fire protection and fire resistance glazing shall be marked in accordance with Table 4.2.2, and such marking shall be permanently affixed.

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 ANSI/ 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, <u>UL 10B</u> , or <u>UL 10C</u>	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]

**A.4.2.2**

An example of how a code might use the system for labeling fire-rated glazing is shown in Table A.4.2.2.

Table A.4.2.2 Minimum Fire Ratings for Opening Protectives in Fire-Resistance-Rated - Resistance-Rated Assemblies and Fire-Rated Glazing Markings

<u>Component</u>	<u>Walls and Partitions (hr)</u>	<u>Fire Door Assemblies (hr)</u>	<u>Door Vision Panel Maximum Size (in.<sup>2</sup>)</u>	<u>Fire-Rated Glazing Marking Door Vision Panel</u>	<u>Minimum Side Light/Transom Rating (hr)</u>	
					<u>Fire protection</u>	<u>Protection resistance</u>
Elevator hoistways	2	1½	155 in. <sup>2</sup> c	D-H-90 or D-H-W-90	NP	
	1	1	155 in. <sup>2</sup> c	D-H-60 or D-H-W-60	NP	
	½	⅓	85 in. <sup>2</sup> d	D-20 or D-W-20	⅓	
Elevator lobby (per 7.2.13.4 of <i>NFPA 101</i> )	1	1	100 in. <sup>2</sup> a	≤100 in. <sup>2</sup> , D-H-T-60 or D-H-W-60	NP	
				>100 in. <sup>2</sup> , D-H-W-60		
Vertical shafts (including stairways, exits, and refuse chutes)	2	1½	Maximum size tested	D-H-90 or D-H-W-90	NP	
	1	1	Maximum size tested	D-H-60 or D-H-W-60	NP	
Replacement panels in existing vertical shafts	½	⅓	Maximum size tested	D-20 or D-W-20	⅓	
Horizontal exits	2	1½	Maximum size tested	D-H-90 or D-H-W-90	NP	
Horizontal exits served by bridges between buildings	2	¾	Maximum size tested <sup>e</sup>	D-H-45 or D-H-W-45	¾ <sup>e</sup>	¾
Exit access corridors <sup>f</sup>	1	⅓	Maximum size tested	D-20 or D-W-20	¾	



Component	Walls and Partitions (hr)	Fire Door Assemblies (hr)	Door Vision Panel Maximum Size (in. <sup>2</sup> )	Fire-Rated Glazing Marking Door Vision Panel	Minimum Side Light/Transom / Rating (hr)	
					Fire protection Protection	Fire resistance
	1/2	1/3	Maximum size tested	D-20 or D-W-20	1/3	
Other fire barriers	3	3	100 in. <sup>2</sup> a	≤100 in. <sup>2</sup> , D-H-180 or D-H-W-180	NP	
				>100 in. <sup>2</sup> , D-H-W-180		
	2	1 1/2	Maximum size tested	D-H-90 or D-H-W-90	NP	
	1	3/4	Maximum size tested <sup>e</sup>	D-H-45 or D-H-W-45	3/4 <sup>e</sup>	3/4
Smoke barriers <sup>f</sup>	1	1/3	Maximum size tested	D-20 or D-W-20	3/4	
	1/2	1/3	Maximum size tested	D-20 or D-W-20	1/3	
Smoke partitions <sup>f,g</sup>	1	1/3	Maximum size tested	D-20 or D-W-20	3/4	
	1/2	1/3	Maximum size tested	D-20 or D-W-20	1/3	

For SI units, 1 in.<sup>2</sup> = 0.00064516 m<sup>2</sup>.

NP: Not permitted.

<sup>a</sup>Fire resistance-rated glazing tested to ASTM E119, *Standard Test Methods for Fire Tests of Building Construction and Materials*, or UL 263, *Fire Tests of Building Construction and Materials*, shall be permitted in the maximum size tested (see 8.3.3.6.8 of NFPA 101).

<sup>b</sup>Fire-rated glazing in exterior windows shall be marked in accordance with Table 8.3.3.6.3 of NFPA 101.

<sup>c</sup>See ASME A17.1/CSA B44–2016, *Safety Code for Elevators and Escalators*, for additional information.

<sup>d</sup>See ASME A17.3/CSA B44–2015, *Safety Code for Existing Elevators and Escalators*, for additional information.

<sup>e</sup>Maximum area of individual exposed lights shall be 1296 in.<sup>2</sup> (0.84 m<sup>2</sup>), with no dimension exceeding 54 in. (1.37 m) unless otherwise tested.

<sup>f</sup>Fire doors are not required to have a hose stream test per UL 10B, *Fire Tests of Door Assemblies*, or UL 10C, *Positive Pressure Fire Tests of Door Assemblies*.

<sup>9</sup>For residential board and care, see 32.2.3.1 and 33.2.3.1 of NFPA 101.

[101:Table 8.3.3.2.2]

## Submitter Information Verification

**Committee:** FDW-AAA

**Submittal Date:** Fri Oct 16 14:43:20 EDT 2020

## Committee Statement

**Committee Statement:** Extract update.

**Response Message:** SR-29-NFPA 80-2020



## Second Revision No. 16-NFPA 80-2020 [ New Section after 5.1.1.2 ]

### 5.1.1.3

Where inspection criteria for door assemblies are not listed in this chapter, door assemblies shall be inspected in accordance with all of the following:

- (1)\* The requirements of this standard that were in effect at the time of installation

#### **A.5.1.1.3(1)** \_

Door assemblies must be inspected in accordance with the requirements of this standard that were in effect at the time of installation. Where replacement door assembly components (e.g., door leaves, glass and glazing materials, hardware) have been installed on the assemblies, the replacement components should be inspected in accordance with the editions of the standard that were in effect at the time of replacement.

Operational testing of new and existing door assemblies should be conducted in accordance with the current requirements of this standard.

- (2) The manufacturers' published listings and installation instructions

- (3)\* The requirements of the respective door chapter, Chapter 4, and Chapter 5, as applicable, where the manufacturers' published listings and installation instructions are not available

#### **A.5.1.1.3(3)** \_

Installation instructions and published listing information might not be available for older existing door assemblies. In these cases, installations of the assemblies should be inspected in accordance with the respective requirements of the editions of this standard that were in effect at the time of installation.

## Submitter Information Verification

**Committee:** FDW-AAA

**Submittal Date:** Fri Oct 09 12:23:28 EDT 2020

## Committee Statement

**Committee Statement:** These revisions are necessary to address the addition of requirements for inspection contained in the individual chapters on types of doors as they are not addressed elsewhere.

**Response Message:** SR-16-NFPA 80-2020



## Second Revision No. 13-NFPA 80-2020 [ Section No. 5.1.4.1 ]

### 5.1.4.1

Field labeling shall be performed ~~by the listing agency that~~ only by individuals or companies that have been certified or listed, or by individuals or companies that are representatives of a labeling service that maintains periodic inspections of production of ~~the~~ labeled equipment or materials ~~under review~~, and by whose labeling the manufacturer indicates compliance with appropriate standards or performance in a specified manner.

### Submitter Information Verification

**Committee:** FDW-AAA

**Submittal Date:** Thu Oct 08 16:42:12 EDT 2020

### Committee Statement

**Committee Statement:** After extensive task group and technical committee discussion, it has been determined that additional work on the topic is needed, including a possible certification program for the individual field labeller. In the interim, the standard is reverting back to the 2016 edition language. The limitation of the listing agency is not enforceable because of the restrictions placed on listing agencies to inspect only those doors they list. This would restrict those testing labs which do not list all products.

**Response Message:** SR-13-NFPA 80-2020



## Second Revision No. 12-NFPA 80-2020 [ Section No. 5.5.5 ]

### 5.5.5

Where a fire door, ~~frame, assembly~~ or any part of its ~~components thereof~~ is damaged to the extent that it could impair the door's proper emergency function, the following actions shall be performed:

- (1) The fire door, ~~frame, door~~ assembly, or any part of its ~~components thereof~~ shall be repaired with listed or labeled parts or parts obtained from the original manufacturer.
- (2) The fire door assembly shall be tested to ensure emergency operation and closing upon completion of the repairs.

### 5.5.6

If repairs cannot be made with parts that are listed or labeled components or parts that are obtained from the original manufacturer or retrofitted in accordance with Section 5.3, the fire door ~~frame, fire door~~ assembly, or ~~components any part thereof~~ shall be replaced.

## Submitter Information Verification

**Committee:** FDW-AAA

**Submittal Date:** Thu Oct 08 12:11:00 EDT 2020

## Committee Statement

**Committee Statement:** The current language was thought to be better stated using the term fire door assembly or part thereof. The committee intends to revisit this topic to address the use of exact replacement parts commonly available, such as cables, chains, fasteners, and other maintenance parts, during the next revision cycle.

**Response Message:** SR-12-NFPA 80-2020

[Public Comment No. 2-NFPA 80-2020 \[Sections 5.5.5, 5.5.6\]](#)



## Second Revision No. 17-NFPA 80-2020 [ Section No. 6.1.1 ]

### **6.1.1** General.

This chapter shall cover the installation of new and existing swinging doors door assemblies with builders hardware.

#### **6.1.1.1** New Doors.

##### **6.1.1.1.1**

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

##### **6.1.1.1.2**

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

#### **6.1.1.2** Existing Doors.

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

#### **6.1.1.3** Maintenance.

##### **6.1.1.3.1**

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

##### **6.1.1.3.2**

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 .

#### **6.1.2** Field Modifications.

Modifications made to door assemblies shall be in accordance with 5.1.5 .

## Submitter Information Verification

**Committee:** FDW-AAA

**Submittal Date:** Fri Oct 09 12:36:48 EDT 2020

## Committee Statement

**Committee Statement:** The revision provides the necessary links to Chapters 4 and 5.

**Response Message:** SR-17-NFPA 80-2020



## Second Revision No. 30-NFPA 80-2020 [ Section No. 6.4.3.1.1 ]

### 6.4.3.1.1\*

Doors up to 60 in. (1.52 m) in height shall be provided with at least two hinges.

#### 6.4.3.1.1.1

~~Doors up to 60 in. (1.52 m) in height shall be provided with at least two hinges.~~

#### 6.4.3.1.2

Doors in excess of 60 in. (1.52 m) shall have an additional hinge for each additional 30 in. (0.76 m) of door height or fraction thereof, or in accordance with the manufacturer's published listing.

#### 6.4.3.1.3

The distance between hinges shall be permitted to exceed 30 in. (0.76 m).

#### 6.4.3.1.4

Where spring hinges are used, at least two shall be provided.

## Submitter Information Verification

**Committee:** FDW-AAA

**Submission Date:** Thu Dec 03 13:26:00 EST 2020

## Committee Statement

**Committee Statement:** A blank section was removed to comply with NFPA Manual of Style, subsequent sections were renumbered.

**Response Message:** SR-30-NFPA 80-2020



## Second Revision No. 15-NFPA 80-2020 [ Section No. 7.1.1 ]

### 7.1.1 General.

This chapter shall cover the installation of new and existing swinging doors door assemblies with fire door hardware.

#### 7.1.1.1 New Doors.

##### 7.1.1.1.1

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

##### 7.1.1.1.2

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

#### 7.1.1.2 Existing Doors.

Existing doors door assemblies shall be inspected, and tested, ~~and maintained~~ in accordance with 5.2.4.

#### 7.1.1.3\* Maintenance.

##### 7.1.1.3.1

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

##### 7.1.1.3.2

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.

## Submitter Information Verification

**Committee:** FDW-AAA

**Submittal Date:** Fri Oct 09 12:15:55 EDT 2020

## Committee Statement

**Committee Statement:** The revision corrects references and terminology in the first draft.

**Response Message:** SR-15-NFPA 80-2020





## Second Revision No. 18-NFPA 80-2020 [ Section No. 8.1.1 ]

### **8.1.1** General.

This chapter shall cover the installation of new and existing horizontally sliding doors door assemblies .

#### **8.1.1.1** New Doors.

##### **8.1.1.1.1**

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

##### **8.1.1.1.2**

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

#### **8.1.1.2** Existing Doors.

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

#### **8.1.1.3** Maintenance.

##### **8.1.1.3.1**

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

##### **8.1.1.3.2**

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 .

#### **8.1.2** Field Modifications.

Modifications made to door assemblies shall be in accordance with 5.1.5 .

## Submitter Information Verification

**Committee:** FDW-AAA

**Submittal Date:** Fri Oct 09 13:32:28 EDT 2020

## Committee Statement

**Committee Statement:** The revision provides the necessary links to Chapters 4 and 5.

**Response Message:** SR-18-NFPA 80-2020



## Second Revision No. 19-NFPA 80-2020 [ Section No. 9.1.1 ]

### **9.1.1** General.

This chapter shall cover the installation of new and existing special-purpose horizontally sliding accordion or folding doors door assemblies .

#### **9.1.1.1** New Doors.

##### **9.1.1.1.1**

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

##### **9.1.1.1.2**

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

#### **9.1.1.2** Existing Doors.

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

#### **9.1.1.3** Maintenance.

##### **9.1.1.3.1**

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

##### **9.1.1.3.2**

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 .

#### **9.1.2** Field Modifications.

Modifications made to door assemblies shall be in accordance with 5.1.5 .

## Submitter Information Verification

**Committee:** FDW-AAA

**Submittal Date:** Fri Oct 09 13:49:53 EDT 2020

## Committee Statement

**Committee Statement:** The revision provides the necessary links to Chapters 4 and 5.

**Response Message:** SR-19-NFPA 80-2020



## Second Revision No. 20-NFPA 80-2020 [ Section No. 10.1.1 ]

### **10.1.1** General.

This chapter shall cover the installation of new and existing vertically sliding fire doors door assemblies .

#### **10.1.1.1** New Doors.

##### **10.1.1.1.1**

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

##### **10.1.1.1.2**

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

#### **10.1.1.2** Existing Doors.

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

#### **10.1.1.3** Maintenance.

##### **10.1.1.3.1**

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

##### **10.1.1.3.2**

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 .

#### **10.1.2** Field Modifications.

Modifications made to door assemblies shall be in accordance with 5.1.5 .

## Submitter Information Verification

**Committee:** FDW-AAA

**Submittal Date:** Fri Oct 09 13:56:38 EDT 2020

## Committee Statement

**Committee Statement:** The revision provides the necessary links to Chapters 4 and 5.

**Response Message:** SR-20-NFPA 80-2020



## Second Revision No. 21-NFPA 80-2020 [ Section No. 11.1.1 ]

### **11.1.1** General.

This chapter shall cover the installation of new and existing rolling steel fire doors door assemblies .

#### **11.1.1.1** New Doors.

##### **11.1.1.1.1**

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

##### **11.1.1.1.2**

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

#### **11.1.1.2** Existing Doors.

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

#### **11.1.1.3** Maintenance.

##### **11.1.1.3.1**

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

##### **11.1.1.3.2**

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 .

#### **11.1.2** Field Modifications.

Modifications made to door assemblies shall be in accordance with 5.1.5 .

## Submitter Information Verification

**Committee:** FDW-AAA

**Submittal Date:** Fri Oct 09 14:00:57 EDT 2020

## Committee Statement

**Committee Statement:** The revision provides the necessary links to Chapters 4 and 5.

**Response Message:** SR-21-NFPA 80-2020



## Second Revision No. 22-NFPA 80-2020 [ Section No. 14.1.1 ]

### **14.1.1\*** General.

This chapter shall cover only the installation of new and existing fire door assemblies in hoistway entrances directly connected with closed elevator or dumbwaiter operation and used in the vertical hoistway enclosure for the purpose of preventing the passage of fire through such entrances.

#### **14.1.1.1** New Doors.

##### **14.1.1.1.1**

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

##### **14.1.1.1.2**

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

#### **14.1.1.2** Existing Doors.

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

#### **14.1.1.3** Maintenance.

##### **14.1.1.3.1**

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

##### **14.1.1.3.2**

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 .

#### **14.1.2** Field Modifications.

Modifications made to door assemblies shall be in accordance with 5.1.5 .

## Submitter Information Verification

**Committee:** FDW-AAA

**Submittal Date:** Fri Oct 09 14:09:34 EDT 2020

## Committee Statement

**Committee Statement:** The revision provides the necessary links to Chapters 4 and 5.

**Response Message:** SR-22-NFPA 80-2020



## Second Revision No. 23-NFPA 80-2020 [ New Section after 15.1 ]

### 15.1 Doors.

#### 15.1.1 General.

This chapter shall cover the installation of new and existing chute door assemblies.

##### 15.1.1.1 New Doors.

###### 15.1.1.1.1

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

###### 15.1.1.1.2

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

##### 15.1.1.2 Existing Doors.

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

##### 15.1.1.3 Maintenance.

###### 15.1.1.3.1

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

###### 15.1.1.3.2

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 .

##### 15.1.2 Field Modifications.

Modifications made to door assemblies shall be in accordance with 5.1.5 .

## Submitter Information Verification

**Committee:** FDW-AAA

**Submittal Date:** Fri Oct 09 14:21:16 EDT 2020

## Committee Statement

**Committee Statement:** The revision provides the necessary links to Chapters 4 and 5.

New section to appear as a new Section 15.1. Existing Section 15.1 to be renumbered as Section 15.2 and successive paragraphs renumbered accordingly.

**Response Message:** SR-23-NFPA 80-2020



## Second Revision No. 28-NFPA 80-2020 [ Section No. 15.1.1 ]

### 15.2.1 Operation.

Openings in the fire-~~resistance-rated~~ resistance-rated enclosure shall have a fire protection rating as follows:

- (1) 1½-hour fire protection rating for 2-hour fire-~~resistance-rated~~ -resistance-rated enclosures
- (2) 1-hour fire protection rating for 1-hour fire-~~resistance-rated~~ -resistance-rated enclosures

[ 82: 6.2.3.1.3 ]

### Submitter Information Verification

**Committee:** FDW-AAA

**Submittal Date:** Mon Oct 12 09:09:44 EDT 2020

### Committee Statement

**Committee Statement:** The revision adds the missing extract citation from NFPA 82.

**Response Message:** SR-28-NFPA 80-2020



## Second Revision No. 24-NFPA 80-2020 [ Section No. 16.1.1 ]

### **16.1.1** General.

This chapter shall cover the installation of both new and existing horizontal and vertical access doors in fire-rated walls, floors, and floor/ceiling or roof/ceiling assemblies.

#### **16.1.1.1** New Doors.

##### **16.1.1.1.1**

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

##### **16.1.1.1.2**

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

#### **16.1.1.2** Existing Doors.

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

#### **16.1.1.3** Maintenance.

##### **16.1.1.3.1**

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

##### **16.1.1.3.2**

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 .

#### **16.1.2** Field Modifications.

Modifications made to door assemblies shall be in accordance with 5.1.5 .

## Submitter Information Verification

**Committee:** FDW-AAA

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## Committee Statement

**Committee Statement:** The revision provides the necessary links to Chapters 4 and 5.

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## Second Revision No. 27-NFPA 80-2020 [ Section No. A.6.4.4.3 ]

### A.6.4.4.3

Some fire door assemblies are listed for use with fire pins or fusible links that render the door leaf release inoperative upon exposure to elevated temperature during a fire. The door leaf release mechanism is made inoperative where conditions in the vicinity of the door opening become untenable for human occupancy, and such door opening no longer provides a viable egress path. [~~101:A.7.2.1.5.2~~ A.7.2.1.5.5]

### Submitter Information Verification

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**Committee Statement:** Extract update (extract citation only).

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## Second Revision No. 7-NFPA 80-2020 [ Section No. L.1.2.1 ]

### 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.

ASME A17.3, *Safety Code for Existing Elevators and Escalators*, ~~2015~~ 2017 .

### Submitter Information Verification

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## Second Revision No. 8-NFPA 80-2020 [ Section No. L.1.2.2 ]

### 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.

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*, 2018 and 2020.

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

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[Public Comment No. 10-NFPA 80-2020 \[Section No. L.1.2.2\]](#)



## Second Revision No. 9-NFPA 80-2020 [ Section No. L.1.2.6 ]

### 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 ~~2015~~ 2020 .

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

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

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

UL 263, *Fire Tests of Building Construction and Materials*, 2011, revised ~~2018~~ 2019 .

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

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## Second Revision No. 10-NFPA 80-2020 [ Section No. L.3 ]

**L.3** References for Extracts in Informational Sections.

NFPA 101<sup>®</sup>, *Life Safety Code*<sup>®</sup>, 2018 2021 edition.

### Submitter Information Verification

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Editorial to update Table A.4.2.2 with changes in NFPA 101.

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