AGENDA

NFPA Building Code/Safety to Life Technical Committee on Fire Protection Features (BLD-FIR and SAF-FIR)
NFPA 101/5000 Second Draft Meeting (A2026)

July 16, 2025
8:00 a.m. – 5:00 p.m. (ET)

Baltimore Marriott Inner Harbor at Camden Yards
Baltimore, Maryland
To join the meeting, please contact jyee@nfpa.org

1. **Call to order.** Nathan Wittasek.
2. **Introductions.** See committee roster attached.
3. **Chair report.** Nathan Wittasek.
4. **Staff liaison report.** Jen Sisco.
5. **Previous meeting minutes.** July 2024, Kansas City, MO. See attached.
6. **Review Correlating Committee on Building Code previous meeting minutes**. See attached.
7. **Review Correlating Committee on Safety to Life previous meeting minutes.** See attached.
   a. **Minutes Item 9.b.xi:** The correlating committee reviewed the request by the TC on Means of Egress to direct the occupancy technical committees to review the turnstile requirements in 7.2.1.11 to determine if they should be referenced in their chapters. The occupancy technical committees are so directed.
   b. **Minutes Item 9.b.xiv.1:** All occupancy technical committees are directed to review 9.6.2.10.3 and 9.6.3.3 as they relate to low frequency alarms and reference as needed at the Second Draft stage.
   c. **Minutes Item 9.b.xiv.2:** All occupancy technical committees are directed to review Section 9.16 as it relates to gas detection warning systems and NFPA 715 and reference as needed at the Second Draft stage**.**
8. **NFPA 101 Second Draft.**
   a. **Referenced Publications.**
   b. **Public Comments.** See attached.
   c. **Task group report(s).**
      i. **Structural Fire Resistance**. R. Walke.
   d. **Presentation(s).**
   e. **Committee Inputs.** See attached.

f. **Staff items for consideration.**

9. NFPA 5000 Second Draft.

a. **Referenced publications.**

b. **Public Comments.** See attached.

c. **Presentation(s).**

d. **Committee Inputs.** See attached.

e. **Staff Items for Consideration.**

10. Other business.

11. Future meetings.

12. Adjournment.

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MINUTES

NFPA Technical Committee on Fire Protection Features (BLD/SAF-FIR)
NFPA 101 & NFPA 5000 First Draft Meeting (A2026)

July 11 – July 12, 2024

Embassy Suites by Hilton Kansas City Plaza
Kansas City, Missouri

1. **Call to order.** Nathan Wittasek, chair, called the meeting to order at 8:00 a.m. (CT) on July 11, 2024.
2. **Introductions.** Attendees introduced themselves and identified their affiliation.
3. **Chair report.** Nathan Wittasek welcomed attendees and provided an overview of the meeting.
4. **Staff liaison report.** Jennifer Sisco provided an overview of the standards development process, the revision cycle schedule, reference and extract update process, and copyright/extracts from external publications process.
5. **Previous meeting minutes.** The minutes from August 2022 Web/Teleconference were approved without revision.
6. **Correlating committee direction for 2027 editions**.
   a. Non-NFPA extracts in NFPA 101 and NFPA 5000. There are no non-NFPA extracts under the purview of the technical committee, no action was taken.
   b. Separation of Vertical Buildings in NFPA 101 and NFPA 5000. The technical committee reviewed the requirements and no action was taken.
   c. Fire alarm notification signal terminology in NFPA 101 and NFPA 5000. The technical committee reviewed the fire alarm notification signal terminology and no action was taken.
7. **NFPA 101 First Draft.**
   a. **Review of Public Inputs.** The Technical Committee reviewed the Public Inputs and developed First Revisions and Committee Inputs as necessary. These will be available in the First Draft Report at www.nfpa.org/101.
   b. **New task groups.** The following task group was appointed to work subsequent to the meeting:

i. **Structural Fire Resistance Rating**. TG Chair: Richard Walke. Members: William McHugh, Bonnie Manley*, Catherine Stashak. Review the requirements in NFPA 101 Committee Input No. 6576 and NFPA 5000 Committee Input No. 8068 and submit public comments or a provide a recommendation to the technical committee prior to the second draft meeting.

8. **NFPA 5000 First Draft.**

   a. **Review of Public Inputs.** The Technical Committee reviewed the Public Inputs and developed First Revisions and Committee Inputs as necessary. These will be available in the First Draft Report at www.nfpa.org/5000.

9. **Other Business.** None.

10. **Future meetings.** The next committee meeting will be Summer 2025. A meeting notification will be posted at www.nfpa.org/101next and www.nfpa.org/5000next when the meeting is scheduled.

11. **Adjournment.** The meeting was adjourned at 5:06 p.m. (CT) on July 11, 2024.

Attendees

Committee Members:

✓	Wittasek, Nathan	Chair	Simpson Gumpertz & Heger (SGH)
✓	Abedeen, Zainul*	Principal	WSP Middle East
✓	Alday, Eddie*	Principal	Agency for Health Care Administration
✓	Barrot, John*	Principal	Banksia Engineering P.C.
✓	Breen, John*	Principal	Amentum/AECOM
✓	Cahanin, Gregory*	Principal	Cahanin Fire & Code Consulting Rep. Louisiana State Firemen's Association
✓	Cook, David*	Principal	Dave Cook Consultants, LLC
✓	Custer, Michael*	Principal	Fort Detrick Fire Department
	Dawe, Nicholas	Principal	Cobb County Fire Marshal's Office
✓	Dudley, Jeffry*	Principal	National Aeronautics & Space Administration, Kennedy Space Center
	Goldhammer, Edward	Principal	Hilti
✓	Gump, Jack*	Principal	Consolidated Nuclear Security
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	Ivanovich, Michael	Principal	AMCA International
	Jackson, Waymon	Principal	University of Texas at Austin
✓	Kapalczynski, Ignatius*	Principal	Simsbury Fire District Rep. Connecticut State Fire/Connecticut Fire Marshals Association
✓	Koffel, William*	Principal	Koffel Associates Rep. Glazing Industry Code Committee
✓	McHugh, William	Principal	Firestop Contractors International Association
	Moran, Chris	Principal	JENSEN HUGHES
	O'Brocki, Raymond	Principal	American Wood Council
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	Rashid-Sumar, Shamim	Principal	National Ready Mixed Concrete Assn. Rep. Portland Cement Association

✓	Reetz, Jeffrey*	Principal	Fire and Risk Alliance, LLC
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✓	Roeper, Kurt*	Principal	ASSA ABLOY Rep. Steel Door Institute
✓	Stashak, Catherine	Principal	Office of the Illinois State Fire Marshal
✓	Tamburello, Stephen	Principal	Telgian Rep. Automatic Fire Alarm Association, Inc.
	Zivnuska, Alexander	Principal	Code Consultants, Inc.
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✓	Baker, Amy	Alternate	Jensen Hughes
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✓	Walke, Richard	Alternate	Creative Technology Inc. Rep. Firestop Contractors International Association
	Dillon, Michael	Nonvoting Member	Dillon Consulting Engineers, Inc. Rep. TC on Air Conditioning
✓	Sisco, Jen	Secretary/ Staff Liaison	National Fire Protection Association

Guests:

Tony Crimi (In person)	AC Consulting Solutions Inc, Rep. International Firestop Council
Jonathan Humble	National Multifamily Housing Council
David Tyree	American Wood Council
Sam Francis*	American Wood Council
Cecil Bilbo*	Academy of Fire Sprinkler Technicians
Dwayne Garriss*	Fire Equipment Manufacturers Association

*Participated by teleconference
Total number in attendance: 35

MINUTES

NFPA Correlating Committee on Building Code (BLD-AAC)

NFPA 5000 First Draft Meeting (A2026)

January 24, 2025
9 a.m. – 2 p.m. (ET)

NFPA Headquarters, Quincy, MA and
Microsoft Teams Remote Meeting

1. **Call to order.** P. Willse, chair, called the meeting to order at 9 a.m. on January 24, 2025.
2. **Introductions.** Attendees introduced themselves and identified their affiliation. K. Carr, NFPA staff, took attendance.
3. **Chair report.** P. Willse welcomed attendees and provided an overview of the meeting.
4. **Staff liaison report.**
   a. NFPA staff provided an overview of the standards development process, the available actions by the correlating committee, and the A2026 revision cycle schedule.
   b. No members declared that they had been retained to represent the interest of an entity that would be classified in an interest category different from their own with respect to a specific issue or issues that were addressed by the committee.
5. **Previous meeting minutes.** The minutes from February 13, 2024, Web/Teleconference were approved without revision.
6. **Liaison reports.**
   i. **Sprinkler project.** W. Koffel. NFPA 13/NFPA 13R/NFPA 13D are open for Public Input. First Draft meetings will occur in August 2025. No apparent conflicts or concerns exist between revised sprinkler standards and NFPA 101/NFPA 5000.
   ii. **Fire alarm project.** S. Clary. NFPA 72, 2025 edition, was published in late 2024. First Draft meetings are scheduled for July 2025. The topic of restricted audible mode operation (RAMO) notification was discussed.
7. **Correlating Committee task group reports.** The following task groups provided their reports and recommendations.
   i. Sprinkler system supervision. Chair: J. Hugo. The task group provided a report, no revisions were made. The task group has been discharged with thanks.

ii. **Occupant load terminology.** Chair: M. Crowley. The task group provided a report, no revisions were made. The task group was retained on the agenda. See attached.

iii. **Modular rooms/Sleep pods.** Chair: H. Hopper. No report was provided. The task group was retained on the agenda.

iv. **Short-term rental housing.** Staff reported the subject was referred to a task group of the Technical Committee on Residential occupancies as the issues appeared to be technical rather correlative. No correlating committee task group was appointed.

v. **Exterior walls.** Staff provided a report. BLC and SCM addressed this topic during the First Draft meetings via a joint task group of both committees. The correlating committee task group was retained on the agenda. BLC/SCM chairs to provide a report at the next meeting.

vi. **New task groups.** The following task groups were appointed to work subsequent to the meeting:

i. **NFPA 915**. TG Chair: J. Hugo. Members: M. Marks, NFPA 5000 Technical Committee chairs. Review First Revisions pertaining to NFPA 915 and determine the scope and application of this document within NFPA 5000.

ii. **Technical Committee Scopes**. See 10-b-vii.

8. Direction to all technical committees.

i. **Separation of vertical buildings.** Staff provided a report. No action taken. BLC to review comment received via First Draft minutes at the Second Draft meeting.

ii. **Fire alarm notification signal terminology.** Staff provided a report. BLD technical committees reviewed use of the terms *visual* and *visible* as they relate to fire alarm signals and revised, as needed, to align with NFPA 72, *National Fire Alarm and Signaling Code*. See the NFPA 5000 First Draft report for revisions.

iii. **Non-NFPA extracts within NFPA 5000.** Staff provided a report. Applicable BLD technical committees reviewed extracts from non-NFPA documents as found within NFPA 5000. See the NFPA 5000 First Draft report for revisions.

9. Items to multiple technical committees.

i. **Reference to NFPA 915.** Task group formed. See 6-f-i.

ii. **Cybersecurity.** S. Clary, BSY member/BSY task group chair, provided a report. The Correlating Committee created FCR-9 to delete FR-8093, which provided a reference to a new Chapter 9/PI-125. The Correlating Committee requested that BSY review the topic of cybersecurity, consider providing annex material, and provide a report at the Correlating Committee Second Draft meeting.

iii. **Lightning protection.** Report provided. No action taken.

10. NFPA 5000 First Draft.

a. No First Correlating Revisions (FCRs) or Correlating Notes (CNs) were developed based on the Correlating Committee's review of the NFPA 5000-A2026 TC Responses to Public Inputs, TC Committee Inputs, TC First Revisions, and TC Ballot Final Reports.

b. Technical committee items.

i. TC on Assembly Occupancies (BLD-AXM):

1. FCRs were developed in response to the request by the TC on Assembly Occupancies to modify Table 11.3.1.2 for consistency with the actions on FR-8140. See the First Draft Report for revisions.

2. The correlating committee reviewed the request by the TC on Assembly Occupancies to revise 11.8.1.1 for coordination with 16.2.5.7.10.2 in FR-8143. BLD-MEA is encouraged to consider this topic at their Second Draft meeting to coordinate with NFPA 101. The occupancy chapters can modify core chapter requirements, so no conflict exists. (Note: this request inadvertently appeared as item xii.2 under BLD-MEA in the meeting agenda.)

ii. TC on Board and Care Facilities (BLD-BCF): Jo. Rickard, chair of the TC on Board and Care Facilities, reported that there were no items for correlating committee review from that technical committee.

iii. TC on Building Construction (BLD-BLC): M. Chrisman, chair of the TC on Building Construction, advised the Correlating Committee of a task group reviewing requirements pertaining to Annex D. No action.

iv. TC on Building Systems (BLD-BSY): The Correlating Committee reviewed CI-8070. No action was taken. Ja.Rickard, chair of the TC on Building Systems, will provide a report on Chapter 12 to the Correlating Committee at Second Draft.

v. TC on Building Service and Fire Protection Equipment (BLD-BSF): The correlating committee reviewed the request by the TC on Building Service and Fire Protection Equipment for the appointment of a task group to review the instances of "where permitted/required in Chapters 11 through 43" and "where permitted/required in other section of this code" for consistency. Following discussion, the chair requested staff provide a preliminary review at the correlating committee Second Draft meeting.

vi. TC on Detention and Correctional Occupancies (SAF-DET): J. Serafim, chair of the TC on Detention and Correctional Occupancies, reported that there were no items for correlating committee review from that technical committee.

vii. TC on Educational and Day-Care Occupancies (SAF-END): The correlating committee reviewed the committee scope revision proposed by the TC on Educational and Day Care Occupancies. Staff noted that at the previous Second Draft meeting, proposed scope revisions for all of the TCs were submitted for consideration by the Standards Council, however, additional inconsistencies were discovered. It was recommended that all of the NFPA 5000 TC scopes be reviewed holistically in conjunction with the

NFPA 101 TC scopes. A joint task group, with SAF-AAC, was appointed to review the recommended scope revisions from the previous revision cycle with consideration of the newly proposed revisions by the TC on Educational and Day Care Occupancies and provide a report at the correlating committee Second Draft meeting. Task group members: M. Marks (TG chair, BLD-AAC and SAF-AAC), Stan Harbuck (SAF-AAC), all SAF TC chairs, all BLD TC chairs, and David Hood, guest.

viii. TC on Fire Protection Features (BLD-FIR): N. Wittasek, chair of the TC on Fire Protection Features, reported that there were no items for correlating committee review from that technical committee.

ix. TC on Fundamentals of Safety to Life (BLD-FUN): C. Jelenewicz, chair of the TC on Fundamentals of Safety to Life, reported that there were no items for correlating committee review from that technical committee.

x. TC on Health Care Occupancies (SAF-HEA): FCRs and CNs were developed in response to the requests by the TC on Health Care Occupancies (see the First Draft Report for actions):

1. Revise 6.1.6.1 and A.6.1.6.1 for consistency with revisions to the definition of *ambulatory health care occupancy* and its related annex text in 3.3.454.1 and A.3.3.454.1.

2. Revise 11.2.3.12 as shown in PI-34 for consistency with the action on 19.2.2.4.2 and 19.2.2.4.3 in FR-8171. Additionally, MEA should consider comparing NFPA 5000, FCR-4, 11.2.3.12, and NFPA 101, FCR-5, for 7.2.3.12, and determine if text style correlation should occur.

3. Revise 33.3.4.3.1 for consistency with the new 19.4.4 in FR-8175. Additionally, for FUN, compare NFPA 5000, FCR-6, 33.3.4.3.1, and NFPA 101, FCR-6, for 11.8.5.3.1, and review two items: 1.) Determine if Level 2 in NFPA 5000 or Level 1 in NFPA 101 should be changed to correlate, and 2.) Determine if text style correlation should occur.

xi. TC on Industrial, Storage, and Miscellaneous Occupancies (BLD-IND): J. Sisco, staff liaison to the Technical Committee on Industrial, Storage, and Miscellaneous Occupancies, reported that there were no items for correlating committee review from that technical committee.

xii. TC on Interior Finish (BLD-INT): The correlating committee reviewed the request by the TC on Interior Finish and Contents (BLD-INT) for guidance on its scope as it relates to modular room and sleep pod requirements. Following discussion, it was determined that modular room and sleep pod requirements relating to fire performance of interior finish should be maintained by BLD-INT. General requirements should be maintained by the TC on Fundamentals of Safety to Life (BLD-FUN). Fire alarm notification requirements should be maintained by the TC on Building Service and Fire Protection Equipment (BLD-BSF). Any occupancy-specific requirements can be maintained by the occupancy technical committees, as needed. Several FCRs were

developed to relocate requirements not within the scope of BLD-INT to other chapters as appropriate. See the NFPA 5000 First Draft Report for actions.

xiii. TC on Means of Egress (BLD-MEA):

1. The correlating committee reviewed the request by the TC on Means of Egress to direct the occupancy technical committees to review the turnstile requirements in 11.2.1.11 to determine if they should be referenced in their chapters. The occupancy technical committees are so directed.

2. See 10-b-i-2.

xiv. TC on Mercantile and Business Occupancies (BLD-MER): J. Sisco, staff liaison to the TC on Mercantile and Business Occupancies, reported that there were no items for correlating committee review from that technical committee.

xv. TC on Residential Occupancies (BLD-RES): B. Cronin, acting chair of the TC on Residential Occupancies, reported that there were no items for correlating committee review from that technical committee.

xvi. TC on Structures, Construction, and Materials (BLD-SCM): M. Savage, chair of the TC on Structures, Construction, and Materials, reported that there were no items for correlating committee review from that technical committee.

xvii. Staff items: The correlating committee reviewed items drafted by staff. See the NFPA 5000 First Draft Report for related CNs and FCRs.

11. Other Business. J. Pauls, member, inquired about the location and scheduling for the Second Draft meeting in 2025. Additionally, a question was raised regarding the availability of the First Draft report. NFPA staff provided details and noted that any further questions should be directed to NFPA staff in advance of the meeting.

12. Future meetings. The next committee meeting will be November/December 2025. A meeting notification will be posted at www.nfpa.org/5000next when the meeting is scheduled.

13. Adjournment. The meeting was adjourned at 1:30pm on January 24, 2025.

Attendees

Committee Members:

X	**Willse, Peter**	Chair	Portland Fire Marshal's Office
X	**Bellamy, Tracey***	Principal	American Fire Sprinkler Association
X	**Frable, David***	Principal	US General Services Administration
X	**Hansen, Raymond***	Principal	US Department of the Air Force
	Hopper, Howard	Principal	UL Solutions
X	**Hugo, Jeffrey***	Principal	National Fire Sprinkler Association

	O'Connor, Daniel	Principal	American Hotel & Lodging Association
X	**Roberts, Richard***	Principal	National Electrical Manufacturers
X	**Savage, Michael***	Principal	Marion County Building Safety
X	**Shah, Faimeen***	Principal	Vortex Fire Engineering Consultancy
X	**Tubbs, Jeffrey**	Principal	Arup
X	**Tyree, David**	Principal	American Wood Council
	Vinci, Leon	Principal	American Public Health Association
	Asp, Roland	Alternate	National Fire Sprinkler Association
X	**Denhardt, John**	Alternate	American Fire Sprinkler Association
	Keays, Jack	Alternate	Vortex Fire Consulting Inc.
	Laramee, Scott	Alternate	American Hotel & Lodging Association
X	**Lisinski, Ed***	Alternate	American Wood Council
X	**Marks, Maria***	Alternate	National Electrical Manufacturers
X	**Pauls, Jake***	Alternate	American Public Health Association
X	**Chrisman, Mark***	Nonvoting Member	TC on Building Construction
X	**Crowley, Michael**	Nonvoting Member	TC on Means of Egress
X	**Dawe, Nicholas***	Nonvoting Member	TC on Mercantile and Business
X	**Grill, Raymond***	Nonvoting Member	TC on Building Service and Fire Protection
X	**Jelenewicz, Chris**	Nonvoting Member	TC on Fundamentals
X	**Koffel, William***	Nonvoting Member	TC on Health Care Occupancies
X	**Lambert, Josh***	Nonvoting Member	TC on Assembly Occupancies
X	**Mertens, Matthew***	Nonvoting Member	TC on Educational and Day-Care
X	**Puchovsky, Milosh**	Nonvoting Member	TC on Interior Finish & Contents
X	**Rickard, James***	Nonvoting Member	TC on Building Systems
X	**Rickard, John***	Nonvoting Member	TC on Board & Care Facilities
X	**Serafim, Janna***	Nonvoting Member	TC on Detention & Correctional
X	**Wittasek, Nathan**	Nonvoting Member	TC on Fire Protection Features
X	**Carr, Kevin**	Staff Liaison	National Fire Protection Association

Guests:
Name:

Gregory Harrington	NFPA
Tracy Vecchiarelli	NFPA
Stephen Ganoe	NFPA
Jen Sisco	NFPA
Camille Levy	NFPA
Shane Clary	Bay Alarm Company/NFPA 72
Matt Davy	Arup
Stan Harbuck*	APHA
Rodger Reiswig*	Jonson Controls
Brad Cronin*	Avon MA FD
Chip Carson*	Carson Associates
Michael Pallett*	NFPA Cybersecurity Advisory Committee

*Participated by teleconference
Total number in attendance: 40

MINUTES

NFPA Correlating Committee on Safety to Life (SAF-AAC)

NFPA 101 First Draft Meeting (A2026)

January 23, 2025
12 p.m. (ET)

NFPA Headquarters, Quincy, MA and
Microsoft Teams Remote Meeting

1. **Call to order.** Chair J. Tubbs called the meeting to order at 12 p.m. on January 23, 2025.
2. **Introductions.** G. Harrington, NFPA staff, took attendance.
3. **Chair report.** Chair J. Tubbs welcomed attendees and provided an overview of the meeting.
4. **Staff liaison report.**
   a. Staff provided an overview of the standards development process, the available actions by the correlating committee, and the A2026 revision cycle schedule.
   b. No members declared that they had been retained to represent the interest of an entity that would be classified in an interest category different from their own with respect to a specific issue or issues that were addressed by the committee.
5. **Previous meeting minutes.** The minutes of the February 13, 2024, Pre-First Draft meeting were approved as submitted.
6. **Liaison reports.**
   a. Sprinkler project. W. Koffel reported that the NFPA 13/13R/13D are entering their next revision cycle and are currently open for Public Input. First Draft meetings will be held in August 2025. No apparent conflicts or concerns exist between the 2025 editions and NFPA 101.
   b. Fire alarm project. S. Clary reported that NFPA 72-2025 has been published along with its full-color handbook. Merton Bunker has termed out as the correlating committee chair. A new chair is to be named at an upcoming Standards Council meeting. First Draft meetings for the next edition are scheduled for July 2025 at a location to be determined. Of potential interest to some NFPA 101 occupancy technical committees, requirements for restricted audible mode operation (RAMO) notification have been added for use where occupants might have an adverse response to sound and light.

1 Batterymarch Park, Quincy, MA 02169-7471 • p: 617-770-3000 • f: 617-770-0700 • nfpa.org

7. Correlating Committee task group reports.

a. Sprinkler system supervision: J. Hugo. The task group did not meet as its objectives were met last cycle. The task group was discharged with thanks.

b. Modular rooms/sleep pods: H. Hopper. No report – the task group was retained on the agenda.

c. Short-term housing rentals: Staff reported the subject was referred to a task group of the Technical Committee on Residential occupancies as the issues appeared to be technical rather than correlative. No correlating committee task group was appointed.

8. Correlating Committee direction to all technical committees.

a. Separation of vertical buildings. Staff reported the applicable SAF-XXX technical committees reviewed the sections of NFPA 101 noted in item 8.a.i of the BLD/SAF-AAC Pre-First Draft Meeting Agenda for any inconsistencies as they relate to podium or pedestal construction and determined that no revisions were needed.

b. Fire alarm notification signal terminology (*visual* vs. *visible*) for consistency with NFPA 72. Staff reported the SAF-XXX technical committees reviewed their use of the terms *visual* and *visible* as they relate to fire alarm signals and revised, as needed, to align with NFPA 72, *National Fire Alarm and Signaling Code*. See the NFPA 101 First Draft Report for revisions.

c. Non-NFPA extracts within NFPA 101. Staff reported that the TC on Fundamentals revised the definition of *occupancy* to remove the extract from ASCE/SEI 7.

9. NFPA 101 First Draft.

a. No First Correlating Revisions (FCRs) or Correlating Notes (CNs) were developed based on the correlating committee's review of the 101-A2026 TC Responses to Public Inputs, TC Committee Inputs, TC First Revisions, and TC Ballot Final Reports.

b. Technical committee items.

i. TC on Assembly Occupancies (SAF-AXM):

1. FCRs were developed in response to the request by the TC on Assembly Occupancies to modify Table 7.3.1.2 for consistency with the actions on FR-6650 and FR-6651. See the First Draft Report for revisions.

2. The correlating committee reviewed the request by the TC on Assembly Occupancies to revise 7.8.1.1 for coordination with the new 12.2.5.7.10.2 in FR-6653. No action was taken as 12.2.5.7.10.2 applies to new assembly occupancies and 7.8.1.1 applies to both new and existing occupancies. The occupancy chapters can modify core chapter requirements, so no conflict exists. (Note: this request inadvertently appeared as item xi.2 under SAF-MEA in the meeting agenda.)

ii. TC on Board and Care Facilities (SAF-BCF): The correlating committee reviewed the action on FR-6730 for consistency with FR-6705 at the request of the TC on Board and Care Facilities. No action.

iii. TC on Building Service and Fire Protection Equipment (SAF-BSF): The correlating committee reviewed the request by the TC on Building Service and Fire Protection Equipment for the appointment of a task group to review the instances of "where permitted/required in Chapters 11 through 43" and "where permitted/required in other section of this code" for consistency. Following discussion, the chair requested staff provide a preliminary review at the correlating committee Second Draft meeting.

iv. TC on Detention and Correctional Occupancies (SAF-DET): J. Serafim, chair of the TC on Detention and Correctional Occupancies, reported that there were no items for correlating committee review from that technical committee.

v. TC on Educational and Day-Care Occupancies (SAF-END): The correlating committee reviewed the committee scope revision proposed by the TC on Educational and Day Care Occupancies. Staff noted that at the previous Second Draft meeting, proposed scope revisions for all TCs were submitted for consideration by the Standards Council, however, additional inconsistencies were discovered. A task group was appointed to further review the recommended scope revisions from the previous revision cycle with consideration of the newly proposed revisions by the TC on Educational and Day Care Occupancies. Following the meeting, Chair Tubbs and CC on Building Code Chair P. Willse determined it would be more efficient to appoint a joint correlating committee task group to permit the NFPA 101 and NFPA 5000 TC scopes to be reviewed holistically. The CC on Safety to Life task group that was appointed at the meeting was disbanded, and a new joint task group with the CC on Building Code was appointed. Task group members: M. Marks (TG chair, rep. both correlating committees), S. Harbuck (rep. SAF-AAC), D. Hood (guest TG member), all SAF-XXX technical committee chairs, and all BLD-XXX technical committee chairs.

vi. TC on Fire Protection Features (SAF-FIR): N. Wittasek, chair of the TC on Fire Protection Features, reported that there were no items for correlating committee review from that technical committee.

vii. TC on Fundamentals of Safety to Life (SAF-FUN): C. Jelenewicz, chair of the TC on Fundamentals of Safety to Life, reported that there were no items for correlating committee review from that technical committee.

viii. TC on Health Care Occupancies (SAF-HEA): FCRs and CNs were developed in response to the requests by the TC on Health Care Occupancies (see the First Draft Report for actions):

1. Revise 6.1.6.1 and A.6.1.6.1 for consistency with revisions to the definition of *ambulatory health care occupancy* and its related annex text in 3.3.207.1 and A.3.3.207.1.

2. Revise 7.2.3.12(1) as shown in PI-34 for consistency with the action on 18.2.2.4 in FR-6699 and 19.2.2.4 in FR-6700.

3. Request that SAF-BSF review 9.6.2.6 for any needed clarification regarding the requirement for one manual fire alarm box (see PI-29).

4. Revise 11.8.5.3.1 for consistency with the new 18.4.3.4 in FR-6634.

ix. TC on Industrial, Storage, and Miscellaneous Occupancies (SAF-IND): J. Sisco, staff liaison to the Technical Committee on Industrial, Storage, and Miscellaneous Occupancies, reported that there were no items for correlating committee review from that technical committee.

x. TC on Interior Finish (SAF-INT): The correlating committee reviewed the request by the TC on Interior Finish and Contents (SAF-INT) for guidance on its scope as it relates to modular room and sleep pod requirements. Following discussion, it was determined that modular room and sleep pod requirements relating to fire performance of interior finish, mattresses, and upholstered furniture should be maintained by SAF-INT. General requirements should be maintained by the TC on Fundamentals of Safety to Life (SAF-FUN). Fire alarm notification requirements should be maintained by the TC on Building Service and Fire Protection Equipment (SAF-BSF). Any occupancy-specific requirements can be maintained by the occupancy technical committees, as needed. Several FCRs were developed to relocate requirements not within the scope of SAF-INT to other chapters as appropriate. See the NFPA 101 First Draft Report for actions.

xi. TC on Means of Egress (SAF-MEA): The correlating committee reviewed the request by the TC on Means of Egress to direct the occupancy technical committees to review the turnstile requirements in 7.2.1.11 to determine if they should be referenced in their chapters. The occupancy technical committees are so directed.

xii. TC on Mercantile and Business Occupancies (SAF-MER): J. Sisco, staff liaison to the TC on Mercantile and Business Occupancies, reported that there were no items for correlating committee review from that technical committee.

xiii. TC on Residential Occupancies (SAF-RES): B. Cronin, acting chair of the TC on Residential Occupancies, reported that there were no items for correlating committee review from that technical committee.

xiv. Staff items: The correlating committee reviewed items drafted by staff. See the NFPA 101 First Draft Report for related CNs and FCRs. Additional items were noted as follows:

1. All occupancy TCs are directed to review 9.6.2.10.3 and 9.6.3.3 as they relate to low frequency alarms and reference as needed at the Second Draft stage.

2. All occupancy TCs are directed to review Section 9.16 as it relates to gas detection warning systems and NFPA 715 and reference as needed at the Second Draft stage.

10. **Other business.** It was noted that in September 2024, NFPA hosted a symposium to discuss recent proposals across the United States and Canada for local and state amendments to permit taller apartment buildings with only a single exit. The symposium aimed to outline current single exit stair allowances in the United States and in other countries, highlight both the positive aspects and areas of concern for the proposals, and identify any knowledge gaps. A summary report of the symposium is available to download at https://www.nfpa.org/forms/single-exit-stair-symposium-report.

11. **Future meetings.** The next correlating committee meeting will be held in December 2025 (dates and location to be determined). The meeting notice will be posted at www.nfpa.org/101next when the meeting is scheduled.

12. **Adjournment.** The meeting was adjourned at 4:23 p.m. (ET) on January 23, 2025.

Attendees

	Name:	Office:	Organization:
X	**Tubbs, Jeffrey**	Chair	Arup
X	**Harrington, Gregory**	Secretary (Staff-	National Fire Protection Association
X*	**Bush, Kenneth**	Principal	Maryland State Fire Marshals Office
X*	**Carson, Wayne**	Principal	Carson Associates, Inc.
X*	**Harbuck, Stanley**	Principal	American Public Health Association
	Hopper, Howard	Principal	UL Solutions
X*	**Hugo, Jeffrey**	Principal	National Fire Sprinkler Association
	Lucas, Jeffrey	Principal	International Fire Marshals Association
X*	**Reiswig, Rodger**	Principal	National Electrical Manufacturers
X*	**Rosenbaum, Eric**	Principal	American Health Care Association (AHCA)
X*	**Savage, Michael**	Principal	Marion County Building Safety
	Asp, Roland	Alternate	National Fire Sprinkler Association
X	**Davy, Matthew**	Alternate	Arup
X*	**Marks, Maria**	Alternate	National Electrical Manufacturers
X*	**Pauls, Jake**	Alternate	American Public Health Association
X	**Crowley, Michael**	Nonvoting Member	TC on Means of Egress
	Dawe, Nicholas	Nonvoting Member	TC on Mercantile & Business Occupancies
X*	**Grill, Raymond**	Nonvoting Member	TC on Building Service & Fire Protection
X	**Jelenewicz, Chris**	Nonvoting Member	TC on Fundamentals
X*	**Koffel, William**	Nonvoting Member	TC on Health Care Occupancies

X*	**Lambert, Josh**	Nonvoting Member	TC on Assembly Occupancies
X*	**Mertens, Matthew**	Nonvoting Member	TC on Educational & Day-Care
X	**Puchovsky, Milosh**	Nonvoting Member	TC on Interior Finish & Contents
X*	**Rickard, John**	Nonvoting Member	TC on Board & Care Facilities
X*	**Serafim, Janna**	Nonvoting Member	TC on Detention & Correctional
X	**Wittasek, Nathan**	Nonvoting Member	TC on Fire Protection Features
X	**Clary, Shane**	Alt. to Nonvoting	Signaling Systems Correlating Committee

Guests:

Name:

Brad Cronin*	Avon, MA FD
John Denhardt	American Fire Sprinkler Association
David Frable*	GSA
Raymond Hansen	US Department of the Air Force
David Hood*	Jensen Hughes rep AHCA
Ed Lisinski*	American Wood Council
Richard Roberts*	Honeywell
Jon Taluba	Chichester Fire
David Tyree	American Wood Council
Peter Willse*	Portland FM's Office
Kevin Carr	NFPA
Stephen Ganoe	NFPA
Camille Levy	NFPA
Jennifer Sisco	NFPA
Tracy Vecchiarelli	NFPA

*** DENOTES ATTENDED REMOTELY**
TOTAL NUMBER IN ATTENDANCE: 36 (15 IN PERSON, 21 REMOTE)

Public Comment No. 124-NFPA 101-2025 [Section No. 8.3.4.1.3]

8.3.4.1.3

Penetrations shall be protected by a tested firestop system installed and maintained in accordance with the manufacturer's installation instructions and to the requirements of the listing criteria.

Statement of Problem and Substantiation for Public Comment

This Public Comment clarifies that penetrations are required to be protected with a firestop system.

Related Item

• PI 221 FR-6535; Section No. 8.3.4.1.3

Submitter Information Verification

Submitter Full Name: Richard Walke
Organization: Creative Technology Inc.
Affiliation: Firestop Contractors International Association
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jun 03 09:15:38 EDT 2025
Committee: SAF-FIR

Public Comment No. 5-NFPA 101-2025 [Section No. 8.3.4.7.2]

8.3.4.7.2

The firestop system or device shall be tested in accordance with ASTM E814, *Standard Test Method for Fire Tests of Penetration Firestop Systems*, or UL 1479, *Fire Tests of Penetration Firestops*, at a minimum positive pressure differential of 0.01 in. water column (2.5 Pa) between the exposed and the unexposed surface of the test assembly, unless 8.3.4.7.3 or 8.3.4.7.4 applies.

Additional Proposed Changes

File Name	Description	Approved
101_A2026_SAF_AAC_CCN_26.pdf	101_CC NOTE26	

Statement of Problem and Substantiation for Public Comment

NOTE: The following CC Note No. 26 Appeared in the First Draft Report on First Revisions No. 6544.

Consider changing "is permitted to be penetrated" to "shall be permitted to be penetrated" in 8.3.4.7.3 (mandatory language).

Related Item

• FR 6544

Submitter Information Verification

Submitter Full Name: CC Notes
Organization: Notes
Street Address:
City:
State:
Zip:
Submittal Date: Thu Mar 06 09:21:46 EST 2025
Committee: SAF-FIR

Correlating Committee Note No. 26-NFPA 101-2025 [Section No. 8.3.4.7.2]

Submitter Information Verification

Committee: SAF-AAC
Submittal Date: Fri Jan 24 10:19:54 EST 2025

Committee Statement and Meeting Notes

Committee Statement: Consider changing "is permitted to be penetrated" to "shall be permitted to be penetrated" in 8.3.4.7.3 (mandatory language).

First Revision No. 6544-NFPA 101-2024 [Section No. 8.3.4.7.2]

Ballot Results

This item has passed ballot

10 Eligible Voters
0 Not Returned
10 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Carson, Wayne G. Chip
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Lucas, Jeffrey A.
Reiswig, Rodger
Rosenbaum, Eric R.
Savage, Sr., Michael L.
Tubbs, Jeffrey S.

First Revision No. 6544-NFPA 101-2024 [Section No. 8.3.4.7.2]

8.3.4.7.2

The firestop system or device shall be tested in accordance with ASTM E814, *Standard Test Method for Fire Tests of Penetration Firestop Systems*, or UL 1479, *Fire Tests of Penetration Firestops*, at a minimum positive pressure differential of 0.01 in. water column (2.5 Pa) between the exposed and the unexposed surface of the test assembly, unless 8.3.4.7.3 or 8.3.4.7.4 applies. ~~one of the following conditions applies:~~

~~Membrane penetrations of ceilings that are not an integral part of a fire-resistance-rated floor/ceiling or roof/ceiling assembly~~

~~Membrane penetrations of steel, ferrous, or copper conduit, piping, or tubing, and steel electrical outlet boxes and wires, or combustion vents or exhaust vents where the annular space is protected with an approved material and the aggregate area of the openings does not exceed 100 in.^{2} (64,520 mm^2) in any 100 ft^2 (9.3 m^2) of ceiling area~~

~~Electrical outlet boxes and fittings provided that such devices are listed for use in fire-resistance-rated assemblies and are installed in accordance with their listing~~

~~The annular space created by the membrane penetration of a fire sprinkler shall be permitted, provided that the space is covered by a metal escutcheon plate~~

8.3.4.7.3

The membrane of a floor, floor/ceiling, or roof/ceiling assembly having a minimum of a 1-hour fire resistance rating, is permitted to be penetrated by one of the following:

(1) Membrane penetrations of ceilings that are not an integral part of a fire-resistance-rated floor/ceiling or roof/ceiling assembly

(2) Membrane penetrations of steel, ferrous, or copper conduit, piping, or tubing, and steel electrical outlet boxes and wires, or combustion vents or exhaust vents where the annular space is protected with an approved material and the aggregate area of the openings does not exceed 100 in.^{2} (64,520 mm^2) in any 100 ft^2 (9.3 m^2) of ceiling area

(3) Electrical outlet boxes and fittings provided that such devices are listed for use in fire-resistance-rated assemblies and are installed in accordance with their listing

(4) ~~The annular space created by the membrane penetration of a fire sprinkler shall be permitted, provided that the space is covered by a metal escutcheon plate~~ Membrane penetration of a fire sprinkler where the annular space created is covered by a metal escutcheon plate

Supplemental Information

File Name	Description	Approved
FR-6544.docx		
101_FIR_FR-6544_8.3.4.7.2.docx	For prod use	

Submitter Information Verification

Committee: SAF-FIR

Submittal Date: Thu Jul 11 11:15:05 EDT 2024

Committee Statement and Meeting Notes

Committee Statement:	The existing text is is not user friendly as the provisions for walls and the provisions for horizontal assemblies are in a single list. This change makes it clear that these are two separate sets of requirements.
Response Message:	FR-6544-NFPA 101-2024

Public Input No. 209-NFPA 101-2024 [Sections 8.3.4.7.2, 8.3.4.7.3]

Ballot Results

✔ **This item has passed ballot**

28 Eligible Voters
1 Not Returned
26 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
1 Abstention

Not Returned

Cahanin, Gregory J.

Affirmative All

Abedeen, Zainul

Alday, Eddie Dewayne

Barrot, John M.

Breen, John M.

Cook, David

Custer, Michael Scott

Dawe, Nicholas A.

Dudley, Jeffry T.

Goldhammer, Edward S.

Gump, Jack A.

Hugo, Jeffrey M.

Ivanovich, Michael

Kapalczynski, Ignatius

Lambert, Josh

Moran, Chris

O?Brocki, Raymond C.

Pardoe, Keith E.

Rashid-Sumar, Shamim

Reetz, Jeffrey E.

Roberts, Jon G.

Roeper, Kurt A.

Stashak, Catherine L.

Tamburello, Stephen Michael

Walke, Richard N.

Wittasek, Nathan B.

Zivnuska, Alexander Frederick

Abstention

Koffel, William E.

In accordance with the policy of the Standards Council, I have abstained from voting on this FR.

Editorial Comment

Click here

Public Comment No. 6-NFPA 101-2025 [Section No. 8.3.4.7.4]

8.3.4.7.4

Where walls or partitions are required to have a minimum 1-hour fire resistance rating, recessed fixtures shall be installed in the wall or partition in such a manner that the required fire resistance is not reduced, unless one of the following criteria is met:

(1) Any steel electrical box not exceeding 16 in.^{2} (10,300 mm^2) in area shall be permitted where the aggregate area of the openings provided for the boxes does not exceed 100 in.^{2} (64,520 mm^2) in any 100 ft^2 (9.3 m^2) of wall area, and, where outlet boxes are installed on opposite sides of the wall, the boxes shall be separated by one of the following means:

(2) Horizontal distance of not less than 24 in. (610 mm) where the wall or partition is constructed with individual noncommunicating stud cavities

(3) Horizontal distance of not less than the depth of the wall cavity, where the wall cavity is filled with cellulose loose-fill, rock wool, or slag wool insulation

(4)* Solid fireblocking

(5) Other listed materials and methods

(6) Membrane penetrations for any listed electrical outlet box made of any material shall be permitted, provided that such boxes have been tested for use in fire-resistance-rated assemblies and are installed in accordance with the instructions included in the listing.

(7) The annular space created by the membrane penetration of a fire sprinkler shall be permitted, provided that the space is covered by a metal escutcheon plate.

(8) Membrane penetrations by electrical boxes of any size or type, which have been listed as part of a wall opening protective material system for use in fire-resistance-rated assemblies and are installed in accordance with the instructions included in the listing, shall be permitted.

(9) Membrane penetrations by recessed boxes other than electrical boxes shall be permitted where protected by an approved firestop system listed and installed in accordance with ASTM E814, *Standard Test Method for Fire Tests of Penetration Firestop Systems*, or UL 1479, *Fire Tests of Penetration Firestops*, with a minimum positive pressure differential of 0.01 in. water column (2.49 Pa), and ~~have~~ an F and T rating not less than the required fire resistance of the penetrated wall.

Additional Proposed Changes

File Name	Description	Approved
101_A2026_SAF_AAC_CCN_27.pdf	101_CC NOTE27	

Statement of Problem and Substantiation for Public Comment

NOTE: The following CC Note No. 27 Appeared in the First Draft Report on First Revisions No. 6548.

Consider deleting "have" before "an F and T rating" in 8.3.4.7.4(5) (editorial correction).

Related Item

• FR 6548

Submitter Information Verification

Submitter Full Name: CC Notes
Organization: Notes
Street Address:
City:
State:
Zip:
Submittal Date: Thu Mar 06 09:27:15 EST 2025
Committee: SAF-FIR

Correlating Committee Note No. 27-NFPA 101-2025 [Section No. 8.3.4.7.3]

Submitter Information Verification

Committee: SAF-AAC
Submittal Date: Fri Jan 24 10:22:44 EST 2025

Committee Statement and Meeting Notes

Committee Statement: Consider deleting "have" before "an F and T rating" in 8.3.4.7.4(5) (editorial correction).

First Revision No. 6548-NFPA 101-2024 [Section No. 8.3.4.7.3]

Ballot Results

This item has passed ballot

10 Eligible Voters
0 Not Returned
10 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Carson, Wayne G. Chip
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Lucas, Jeffrey A.
Reiswig, Rodger
Rosenbaum, Eric R.
Savage, Sr., Michael L.
Tubbs, Jeffrey S.

Public Comment No. 126-NFPA 101-2025 [Section No. 8.3.5.2.3]

8.3.5.2.3

Joints shall be protected by a tested joint system installed and maintained in accordance with the manufacturer's installation instructions and to the requirements of the listing criteria.

Statement of Problem and Substantiation for Public Comment

This Public Comment clarifies that joints are required to be protected with a joint system.

Related Item

• FR-6550: Section 8.3.5.2.3

Submitter Information Verification

Submitter Full Name: Richard Walke
Organization: Creative Technology Inc.
Affiliation: Firestop Contractors International Association
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jun 03 09:33:39 EDT 2025
Committee: SAF-FIR

Public Comment No. 127-NFPA 101-2025 [Section No. 8.3.5.4.2]

8.3.5.4.2

~~Voids protected in~~ Perimeter fire containment systems protecting voids in accordance with 8.3.5.4.1 shall be installed and maintained in accordance with the manufacturer's installation instructions and to the requirements of the listing criteria.

Statement of Problem and Substantiation for Public Comment

This Public Comment clarifies that it is the perimeter fire containment system not the void which must be installed in accordance with the instructions and the listing. The void is not installed, it just happens.

Related Item

- FR-6559: New Section After 8.3.5.4.1
- FR-6559: New Section After 8.3.5.4.1
- FR-6559: New Section after 8.3.5.4.1

Submitter Information Verification

Submitter Full Name: Richard Walke
Organization: Creative Technology Inc.
Affiliation: Firestop Contractior International Association
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jun 03 10:37:00 EDT 2025
Committee: SAF-FIR

Public Comment No. 128-NFPA 101-2025 [Section No. 8.5.6.5]

8.5.6.5

In new construction, through-penetrations shall be protected by an approved through-penetration firestop system installed and tested in accordance with the requirements of UL 1479, *Fire Tests of Penetration Firestops*, for air leakage and shall ~~comply~~ have an L Rating which complies with one of the following:

(1) A maximum ~~L rating of~~ leakage of 5 ft^3/min per ft^2 (0.025 m^3/s per m^2) of penetration opening for each through-penetration firestop system

(2) A maximum total cumulative leakage of 50 ft^3/min (0.024 m^3/s) for any 100 ft^2 (9.3 m^2) of wall area or floor area

Statement of Problem and Substantiation for Public Comment

This Public Comment ties the phrase L Rating to the leakage determined in accordance with UL 1479 and consistently uses the word "leakage" in Items 1 and 2.

Related Item

• PI 30: FR-6538, Section 8.5.6.5

Submitter Information Verification

Submitter Full Name: Richard Walke
Organization: Creative Technology Inc.
Affiliation: Firestop Contractors International Association
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jun 03 10:44:49 EDT 2025
Committee: SAF-FIR

Public Comment No. 28-NFPA 101-2025 [Section No. 8.5.6.5]

8.5.6.5

In new construction, through-penetrations shall be protected by an approved through-penetration ~~firestop~~ system installed and tested in accordance with the requirements of UL 1479, *Fire Tests of Penetration Firestops*, for air leakage and shall comply with one of the following:

(1) A maximum L rating of 5 ft^3/min per ft^2 (0.025 m^3/s per m^2) of penetration opening for each through-penetration ~~firestop~~ system

(2) A maximum total cumulative leakage of 50 ft^3/min (0.024 m^3/s) for any 100 ft^2 (9.3 m^2) of wall area or floor area

Statement of Problem and Substantiation for Public Comment

NFPA 101 Section 8.5.6.5 is intended to only provide a quantified air-leakage criteria for smoke barrier penetrations and is not intended to specify a “firestop” system where only a smoke barrier is required. Per NFPA 101 section 8.5.6.2, smoke barriers are only intended to restrict the transfer of smoke and are not intended to restrict the transfer of flames. The firestop criteria for smoke barriers (that are also fire barriers) are addressed in section 8.5.6.3.

The 8.5.7.2 joint system air leakage requirement was added to NFPA 101 at the same time as the smoke barrier penetration criteria using essentially the same justification (see NFPA 101 2018 Edition First and Second Draft Reports) and did not specify a fire-resistant system for a joint installed only as a smoke barrier.

Related Item

• First Revision No. 6538-NFPA 101-2024

Submitter Information Verification

Submitter Full Name: Neal Hara
Organization: Battelle-Pacific Northwest Nat
Street Address:
City:
State:
Zip:
Submittal Date: Mon Mar 10 17:33:26 EDT 2025
Committee: SAF-FIR

Public Comment No. 22-NFPA 101-2025 [Section No. A.8.4.3.4]

A.8.4.3.4

Gasketing of most doors in smoke partitions should not be necessary. ~~In cases where specific doors are required to be smoke-leakage rated in accordance with NFPA 105, gasketing can be required per the manufacturer's installation instructions..~~

Additional Proposed Changes

File Name	Description	Approved
101_A2026_SAF_AAC_CCN_28.pdf	101_CC NOTE28	

Statement of Problem and Substantiation for Public Comment

NOTE: The following CC Note No. 28 Appeared in the First Draft Report on First Revisions No. 6555.

Consider Breen's affirmative comment: "The second sentence does not seem necessary, as it is unclear when a door in a smoke partition would need to be smoke-leakage rated."

Related Item

• FR 6555

Submitter Information Verification

Submitter Full Name: CC Notes
Organization: Notes
Street Address:
City:
State:
Zip:
Submittal Date: Thu Mar 06 10:56:51 EST 2025
Committee: SAF-FIR

Correlating Committee Note No. 28-NFPA 101-2025 [Section No. A.8.4.3.4]

Submitter Information Verification

Committee: SAF-AAC
Submittal Date: Fri Jan 24 10:25:32 EST 2025

Committee Statement and Meeting Notes

Committee Statement: Consider Breen's affirmative comment: "The second sentence does not seem necessary, as it is unclear when a door in a smoke partition would need to be smoke-leakage rated."

First Revision No. 6555-NFPA 101-2024 [Section No. A.8.4.3.4]

Ballot Results

✔ **This item has passed ballot**

10 Eligible Voters
0 Not Returned
10 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Affirmative All

Bush, Kenneth E.
Carson, Wayne G. Chip
Harbuck, Stanley C.
Hopper, Howard
Hugo, Jeffrey M.
Lucas, Jeffrey A.
Reiswig, Rodger
Rosenbaum, Eric R.
Savage, Sr., Michael L.
Tubbs, Jeffrey S.

Committee Input No. 6576-NFPA 101-2024 [New Section after 8.2.4.3]

8.2.4.5

Where calculations are used to establish the fire resistance rating of structural steel assemblies and composite steel and concrete assemblies, the provisions of AISC 360 Appendix 4, Section 4.3 shall be permitted to be used.

8.2.4.6

Establishing equivalency to the standard fire-resistance rating using the advanced methods of analysis of AISC 360 Appendix 4.2 in combination with the fire exposure specified in ASTM E119 or UL 263 as the design-basis fire, as permitted in AISC 360 Appendix 4, Section 4.3.1, shall be permitted when in accordance with Section 1.5.

Submitter Information Verification

Committee: SAF-FIR

Submittal Date: Tue Jul 16 11:29:48 EDT 2024

Committee Statement

Committee Statement: Correlation with 5000-CI-8068

Committee statement for 5000-CI-8068:

The technical committee would like to add reference to the new AISC 360 appendix 4 for the calculations to establish the fire resistance rating of structural steel assemblies and composite steel and concrete assemblies. A task group has been formed to review this committee input and provide a recommendation for the second draft meeting.

-The way the current proposal is written it confuses analytical methods with calculated methods.

-The analytical method would need approval under section 1.5

-The current proposal does not meet the NFPA Manual of Style

-Allowance to use Section 4.3 for tested assemblies based on ASTM E119 & UL 263.

-Allowance to use Section 4.2 for analytical calculations for fire rating based on E119 & UL 263 fire curve.

Response Message: CI-6576-NFPA 101-2024

Ballot Results

This item has not been balloted

Public Comment No. 12-NFPA 5000-2025 [Global Input]

Consider ballot comment from Walke: Suggest a minor edit as follows: "Penetrations shall be protected by a tested firestop system installed and maintained in accordance with the manufacturer's installation instructions and to the requirements of the listing criteria." This edit clarifies the specific type of system required.

Additionally, in 8.8.1.2, consider deleting "to" before "the requirements of the listing criteria.".

Additional Proposed Changes

File Name	Description	Approved
5000_A2026_BLD_AAC_CCN_16.pdf	5000_CC NOTE16	

Statement of Problem and Substantiation for Public Comment

NOTE: The following CC Note No. 16 Appeared in the First Draft Report on First Revisions No. 8081.

Consider ballot comment from Walke: Suggest a minor edit as follows: "Penetrations shall be protected by a tested firestop system installed and maintained in accordance with the manufacturer's installation instructions and to the requirements of the listing criteria." This edit clarifies the specific type of system required.

Additionally, in 8.8.1.2, consider deleting "to" before "the requirements of the listing criteria.".

Related Item

• FR 8081

Submitter Information Verification

Submitter Full Name: CC Notes
Organization: Notes
Street Address:
City:
State:
Zip:
Submittal Date: Tue Mar 04 16:03:52 EST 2025
Committee: BLD-FIR

Correlating Committee Note No. 16-NFPA 5000-2025 [Section No. 8.8.1.2]

Submitter Information Verification

Committee: BLD-AAC
Submittal Date: Mon Jan 27 12:59:26 EST 2025

Committee Statement and Meeting Notes

Committee Statement: Consider ballot comment from Walke: Suggest a minor edit as follows: "Penetrations shall be protected by a tested firestop system installed and maintained in accordance with the manufacturer's installation instructions and to the requirements of the listing criteria." This edit clarifies the specific type of system required.

Additionally, in 8.8.1.2, consider deleting "to" before "the requirements of the listing criteria.".

First Revision No. 8081-NFPA 5000-2024 [Section No. 8.8.1.2]

Ballot Results

✔ **This item has passed ballot**

13 Eligible Voters
3 Not Returned
10 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned

Hopper, Howard
O'Connor, Daniel J.
Vinci, Leon F.

Affirmative All

Bellamy, Tracey D.
Frable, David W.
Hansen, Raymond N.
Hugo, Jeffrey M.
Lisinski, Ed
Roberts, Richard Jay
Savage, Sr., Michael L.
Shah, Faimeen

Tubbs, Jeffrey S.

Willse, Peter J.

Public Comment No. 13-NFPA 5000-2025 [Global Input]

For 8.8.7.2, consider ballot comment from Breen: To correlate with NFPA 101 First Revision No. 6544, the text in 8.8.7.3(4) needs to be replaced with "Membrane penetration of a fire sprinkler where the annular space created is covered by a metal escutcheon plate".

For 8.8.7.3, consider changing "is permitted to be penetrated" to "shall be permitted to be penetrated" in the charging statement.

Additional Proposed Changes

File Name	Description	Approved
5000_A2026_BLD_AAC_CCN_20.pdf	5000_CC NOTE20	

Statement of Problem and Substantiation for Public Comment

NOTE: The following CC Note No. 20 Appeared in the First Draft Report on First Revisions No. 8088.

For 8.8.7.2, consider ballot comment from Breen: To correlate with NFPA 101 First Revision No. 6544, the text in 8.8.7.3(4) needs to be replaced with "Membrane penetration of a fire sprinkler where the annular space created is covered by a metal escutcheon plate".

For 8.8.7.3, consider changing "is permitted to be penetrated" to "shall be permitted to be penetrated" in the charging statement.

Related Item

• FR 8088

Submitter Information Verification

Submitter Full Name: CC Notes
Organization: Notes
Street Address:
City:
State:
Zip:
Submittal Date: Tue Mar 04 16:06:19 EST 2025
Committee: BLD-FIR

Correlating Committee Note No. 20-NFPA 5000-2025 [Section No. 8.8.7.2]

Submitter Information Verification

Committee: BLD-AAC
Submittal Date: Mon Jan 27 13:03:58 EST 2025

Committee Statement and Meeting Notes

Committee Statement: For 8.8.7.2, consider ballot comment from Breen: To correlate with NFPA 101 First Revision No. 6544, the text in 8.8.7.3(4) needs to be replaced with "Membrane penetration of a fire sprinkler where the annular space created is covered by a metal escutcheon plate".

For 8.8.7.3, consider changing "is permitted to be penetrated" to "shall be permitted to be penetrated" in the charging statement.

First Revision No. 8088-NFPA 5000-2024 [Section No. 8.8.7.2]

Ballot Results

✔ **This item has passed ballot**

13 Eligible Voters
3 Not Returned
10 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned

Hopper, Howard
O'Connor, Daniel J.
Vinci, Leon F.

Affirmative All

Bellamy, Tracey D.
Frable, David W.
Hansen, Raymond N.
Hugo, Jeffrey M.
Lisinski, Ed
Roberts, Richard Jay
Savage, Sr., Michael L.
Shah, Faimeen

Tubbs, Jeffrey S.

Willse, Peter J.

Public Comment No. 38-NFPA 5000-2025 [New Section after 8.2.3.2]

8.2.3.2.4

Where calculations are used to establish the fire-resistance rating of structural steel assemblies and composite steel and concrete assemblies, the provisions of AISC 360 Appendix 4, Section 4.3 shall be permitted to be used.

8.2.3.2.5

As allowed in AISC 360 Appendix 4, Section 4.3.1, establishing equivalency to the standard fire-resistance rating using the advanced methods of analysis of AISC 360 Appendix 4.2 in combination with the fire exposure specified in ASTM E119 or UL 263 as the design-basis fire shall be permitted when in accordance with Section 1.5.

Statement of Problem and Substantiation for Public Comment

This PC presents the language in Committee Input No. 8068, which is based upon Public Input No. 43. It remains important to AISC that NFPA 5000 adopt AISC 360, Appendix 4, Section 4.3 in this section, since it contains the most up-to-date provisions governing the calculation of fire resistance for structural steel assemblies and composite steel and concrete assemblies. ASCE 29 is no longer current.

We understand the desire to constrain the possible use of AISC 360, Appendix 4, Section 4.2, which is referenced in AISC 360, Appendix 4, Section 4.3 and have added the additional language from CI 8068 in Section 8.2.3.2.5 with some minor editorial modifications.

Related Item

• PI 43 • CI 8068

Submitter Information Verification

Submitter Full Name: Bonnie Manley
Organization: AISC
Affiliation: AISC
Street Address:
City:
State:
Zip:
Submittal Date: Fri May 30 14:53:11 EDT 2025
Committee: BLD-FIR

Public Comment No. 59-NFPA 5000-2025 [New Section after 8.2.3.2]

8.2.3.2.4 Structural steel assemblies and composite steel and concrete assemblies

8.2.3.2.4.1 Where calculations are used to establish the fire resistance rating of structural steel assemblies, and composite steel and concrete assemblies, the provisions of AISC 360, Appendix 4, Section 4.3, shall be permitted to be used.

8.2.3.2.4.1.1 As allowed by AISC 360, Appendix 4, Section 4.3.1, use of advanced analysis method as referenced in AISC 360, Appendix 4, Section 4.2 shall be permitted in accordance with the additional provisions of Section 8.2.3.3.3.

...

8.2.3.3 Analytical Methods

...

8.2.3.3.4 Establishing equivalency for structural steel assemblies and composite steel and concrete assemblies to the standard fire-resistance rating using the advanced analysis method of AISC 360 Appendix 4.2 in combination with the fire exposure specified in ASTM E119 or UL 263 as the design basis fire, as permitted in AISC 360, Appendix 4, Section 4.3.1, shall be permitted when in accordance with Section 1.5.

Statement of Problem and Substantiation for Public Comment

The reason for this is to improve on a proposal submitted at first draft meeting, incorporating AISC 360 into the NFPA 5000, and clarifying pointers to each method - calculated and analytical. This is intended to require analytical methods to be reviewed based on section 1.5. This is a result of several discussions with interested parties.

Related Item

• PI 43: New Section 8.2.3.2.4, 8.2.3.3.4

Submitter Information Verification

Submitter Full Name: Bill McHugh
Organization: Firestop Contractors International Association
Affiliation: National Fireproofing Contractors Association
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jun 03 10:10:21 EDT 2025

Committee: BLD-FIR

Public Comment No. 39-NFPA 5000-2025 [Sections 8.2.3.2, 8.2.3.3]

Sections 8.2.3.2, 8.2.3.3

8.2.3.2* Calculations.

8.2.3.2.1*

Where calculations are used to establish the fire resistance rating of structural elements or assemblies, they shall be permitted to be performed in accordance with ASCE/SEI/SFPE 29, *Standard Calculation Methods for Structural Fire Protection*.

8.2.3.2.2

Where calculations are used to establish the fire resistance rating of concrete or masonry elements or assemblies, the provisions of ACI 216.1, *Code Requirements for Determining Fire Resistance of Concrete and Masonry Construction Assemblies,* shall be permitted to be used.

8.2.3.2.3

Where calculations are used to establish the fire resistance of wood members and assemblies, the use of the ANSI/AWC *Fire Design Specification for Wood Construction* shall be permitted.

8.2.3. 2.4 Structural steel assemblies and composite steel and concrete assemblies

8.2. 3 .2.4.1 Where calculations are used to establish the fire-resistance rating of structural steel assemblies and composite steel and concrete assemblies, the provisions of AISC 360, Appendix 4, Section 4.3, shall be permitted to be used.

8.2.3.2.4.2 As allowed by AISC 360, Appendix 4, Section 4.3.1, use of AISC 360, Appendix 4, Section 4.2 shall be permitted in accordance with the additional provisions of Section 8.2.3.3.3.

8.2.3.3 Methods.

8.2.3.3.1

Except for the method specified in 8.2.3.2, analytical methods used to calculate the fire resistance rating of building assemblies or structural elements shall be approved.

8.2.3.3.2

Where an approved analytical method is utilized to establish the fire resistance rating of a structural element or building assembly, the calculations shall be based on the fire exposure and acceptance criteria specified in ASTM E119, *Standard Test Methods for Fire Tests of Building Construction and Materials*, or UL 263, *Fire Tests of Building Construction and Materials*.

8.2.3.3.3 As allowed in AISC 360, Appendix 4, Section 4.3.1, establishing equivalency to the standard fire-resistance rating using the advanced methods of analysis of AISC 360 Appendix 4.2 in combination with the fire exposure specified in ASTM E119 or UL 263 as the design basis fire shall be permitted for structural steel assemblies and composite steel and concrete assemblies when in accordance with Section 1.5.

8.2.3.3.4 *

Extension of fire resistance rating data based on results of tests conducted in accordance with 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, through engineering analysis by a registered design professional (RDP), by using the methodology of ASTM E2032, *Standard Practice for Extension of Data From Fire Resistance Tests Conducted in Accordance with ASTM E 119*.

Statement of Problem and Substantiation for Public Comment

This Public Comment builds on the work presented in Committee Input No. 8068 and provides an alternative approach from that presented in Public Comment 38. AISC remains committed to ensuring a reference to AISC 360 Appendix 4, Section 4.3 is provided in the 2027 edition of NFPA 5000.

Related Item

• CI 8068 • PI 43 • PC 38

Submitter Information Verification

Submitter Full Name: Bonnie Manley
Organization: AISC
Affiliation: AISC
Street Address:
City:
State:
Zip:
Submittal Date: Fri May 30 17:12:42 EDT 2025
Committee: BLD-FIR

Public Comment No. 60-NFPA 5000-2025 [Section No. 8.8.1.2]

8.8.1.2

Penetrations shall be protected by a tested firestop system installed and maintained in accordance with the manufacturer's installation instructions and to the requirements of the listing criteria.

Statement of Problem and Substantiation for Public Comment

This Public Comment clarifies that penetrations are required to be protected with a firestop system.

Related Item

• FR-8081: Section 8.8.1.2

Submitter Information Verification

Submitter Full Name: Richard Walke
Organization: Creative Technology Inc.
Affiliation: Firestop Contractors International Association
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jun 03 10:51:04 EDT 2025
Committee: BLD-FIR

Public Comment No. 4-NFPA 5000-2025 [Section No. 8.8.2.4.3]

8.8.2.4.3 L Ratings.

When fire barriers are used as smoke barriers, penetrations shall be capable of restricting the transfer of smoke and have an L rating in accordance with 8.11.5.

Additional Proposed Changes

File Name	Description	Approved
5000_A2026_BLD_AAC_CCN_18.pdf	5000_CC NOTE18	

Statement of Problem and Substantiation for Public Comment

NOTE: The following CC Note No. 18 Appeared in the First Draft Report.

Consider ballot comments from Moran and Breen that this requirement should not be under T Ratings, but under its own section, 8.8.2.5

Related Item

• CCN 18

Submitter Information Verification

Submitter Full Name: CC Notes
Organization: Notes
Street Address:
City:
State:
Zip:
Submittal Date: Tue Mar 04 15:27:19 EST 2025
Committee: BLD-FIR

Correlating Committee Note No. 18-NFPA 5000-2025 [Section No. 8.8.2.4.3]

Submitter Information Verification

Committee: BLD-AAC
Submittal Date: Mon Jan 27 13:02:37 EST 2025

Committee Statement and Meeting Notes

Committee Statement: Consider ballot comments from Moran and Breen that this requirement should not be under T Ratings, but under its own section, 8.8.2.5

Ballot Results

✔ **This item has passed ballot**

13 Eligible Voters
3 Not Returned
10 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned

Hopper, Howard
O'Connor, Daniel J.
Vinci, Leon F.

Affirmative All

Bellamy, Tracey D.
Frable, David W.
Hansen, Raymond N.
Hugo, Jeffrey M.
Lisinski, Ed
Roberts, Richard Jay
Savage, Sr., Michael L.
Shah, Faimeen
Tubbs, Jeffrey S.
Willse, Peter J.

Public Comment No. 5-NFPA 5000-2025 [Section No. 8.8.7.1]

8.8.7.1

Membrane penetrations for cables, cable trays, conduits, pipes, tubes, combustion vents, exhaust vents, wires, and similar items to accommodate electrical, mechanical, plumbing, and communications systems that pass through a membrane of a wall, floor, roof/ceiling, or floor/ceiling assembly constructed as a fire barrier shall be protected by a firestop system or device and shall comply with 8.8.7 through 8.8.7.4.

Additional Proposed Changes

File Name	Description	Approved
5000_A2026_BLD_AAC_CCN_19.pdf	5000_CC NOTE19	

Statement of Problem and Substantiation for Public Comment

NOTE: The following CC Note No. 19 Appeared in the First Draft Report on First Revisions No. 8086.

Consider ballot comment from Breen and Moran that 8.8.7 should be 8.8.7.2. This would match text as found in NFPA 101.

Related Item

• FR 8086

Submitter Information Verification

Submitter Full Name: CC Notes
Organization: Notes
Street Address:
City:
State:
Zip:
Submittal Date: Tue Mar 04 15:34:52 EST 2025
Committee: BLD-FIR

Correlating Committee Note No. 19-NFPA 5000-2025 [Section No. 8.8.7.1]

Submitter Information Verification

Committee: BLD-AAC
Submittal Date: Mon Jan 27 13:03:31 EST 2025

Committee Statement and Meeting Notes

Committee Statement: Consider ballot comment from Breen and Moran that 8.8.7 should be 8.8.7.2. This would match text as found in NFPA 101.

First Revision No. 8086-NFPA 5000-2024 [Section No. 8.8.7.1]

Ballot Results

This item has passed ballot

13 Eligible Voters
3 Not Returned
10 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned

Hopper, Howard
O'Connor, Daniel J.
Vinci, Leon F.

Affirmative All

Bellamy, Tracey D.
Frable, David W.
Hansen, Raymond N.
Hugo, Jeffrey M.
Lisinski, Ed
Roberts, Richard Jay
Savage, Sr., Michael L.
Shah, Faimeen
Tubbs, Jeffrey S.
Willse, Peter J.

Public Comment No. 1-NFPA 5000-2025 [Section No. 8.8.7.4]

8.8.7.4

Where walls or partitions are required to have a fire resistance rating of not less than 1 hour, recessed fixtures shall be installed in the wall or partition in such a manner that the required fire resistance is not reduced, unless one of the following criteria is met:

(1) Any steel electrical box not exceeding 16 in.^{2} (10,300 mm^2) in area shall be permitted where the aggregate area of the openings provided for the boxes does not exceed 100 in.^{2} (64,520 mm^2) in any 100 ft^2 (9.3 m^2) of wall area, and, where outlet boxes are installed on opposite sides of the wall, the boxes shall be separated by one of the following means:

(a) Horizontal distance of not less than 24 in. (610 mm) where the wall or partition is constructed with individual noncommunicating stud cavities

(b) Horizontal distance of not less than the depth of the wall cavity where the wall cavity is filled with cellulose loose-fill, rock wool, or slag wool insulation

(c) Solid fireblocking in accordance with 8.14.2

(d) Other listed materials and methods

(2) Membrane penetrations for any listed electrical outlet box made of any material shall be permitted, provided that such boxes have been tested for use in fire-resistance-rated assemblies and are installed in accordance with the instructions included in the listing.

(3) The annular space created by the membrane penetration of a fire sprinkler shall be permitted, provided that the space is covered by a metal escutcheon plate.

(4) Membrane penetrations by electrical boxes of any size or type, which have been listed as part of a wall opening protective material system for use in fire-resistance-rated assemblies and are installed in accordance with the instructions included in the listing, shall be permitted.

(5) Membrane penetrations by recessed boxes other than electrical boxes shall be permitted where protected by an approved firestop system listed and installed in accordance with ASTM E814, *Standard Test Method for Fire Tests of Penetration Firestop Systems*, or UL 1479, *Fire Tests of Penetration Firestops*, with a minimum positive pressure differential of 0.01 in. water column (2.49 Pa), and have an F and T rating not less than the required fire resistance of the penetrated wall.

Additional Proposed Changes

File Name	Description	Approved
5000_A2026_BLD_AAC_CCN_21.pdf	5000_CC NOTE21	

Statement of Problem and Substantiation for Public Comment

NOTE: The following CC Note No. 21 Appeared in the First Draft Report on First Revisions No. 8111.

For 8.8.7.4 (5), consider deleting "have" before "an F and T rating…"

Related Item

• FR 8111

Submitter Information Verification

Submitter Full Name: CC Notes
Organization: Notes
Street Address:
City:
State:
Zip:
Submittal Date: Tue Mar 04 15:11:58 EST 2025
Committee: BLD-FIR

Correlating Committee Note No. 21-NFPA 5000-2025 [Detail]

Submitter Information Verification

Committee: BLD-AAC
Submittal Date: Mon Jan 27 13:06:01 EST 2025

Committee Statement and Meeting Notes

Committee Statement: For 8.8.7.4 (5), consider deleting "have" before "an F and T rating…"

First Revision No. 8111-NFPA 5000-2024 [Detail]

Ballot Results

This item has passed ballot

13 Eligible Voters
3 Not Returned
10 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned

Hopper, Howard
O'Connor, Daniel J.
Vinci, Leon F.

Affirmative All

Bellamy, Tracey D.
Frable, David W.
Hansen, Raymond N.
Hugo, Jeffrey M.
Lisinski, Ed
Roberts, Richard Jay
Savage, Sr., Michael L.
Shah, Faimeen
Tubbs, Jeffrey S.
Willse, Peter J.

Public Comment No. 61-NFPA 5000-2025 [Section No. 8.9.2.3]

8.9.2.3

Joints shall be protected by a tested joint system installed and maintained in accordance with the manufacturer's installation instructions and to the requirements of the listing criteria.

Statement of Problem and Substantiation for Public Comment

This Public Comment clarifies that joints are required to be protected by a joint system.

Related Item

• FR-8112: Section No. 8.9.2.3

Submitter Information Verification

Submitter Full Name: Richard Walke
Organization: Creative Technology Inc.
Affiliation: Firestop Contractors International Association
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jun 03 10:53:47 EDT 2025
Committee: BLD-FIR

Public Comment No. 6-NFPA 5000-2025 [New Section after 8.9.3.3.2]

TITLE OF NEW CONTENT

Consider ballot comment from Walke: Suggest a minor edit as follows: "Approved materials or systems protecting voids in accordance with 8.9.3.3.2 shall be installed and maintained in accordance with the manufacturer's installation instructions and to the requirements of the listing criteria." This edit clarifies that it is the approved materials or systems not the void which must be installed in accordance with the instructions and listings. The void is not installed, it just happens.

Additional Proposed Changes

File Name	Description	Approved
5000_A2026_BLD_AAC_CCN_22.pdf	5000_CC NOTE22	

Statement of Problem and Substantiation for Public Comment

NOTE: The following CC Note No. 22 Appeared in the First Draft Report on First Revisions No. 8114.

Consider ballot comment from Walke: Suggest a minor edit as follows: "Approved materials or systems protecting voids in accordance with 8.9.3.3.2 shall be installed and maintained in accordance with the manufacturer's installation instructions and to the requirements of the listing criteria." This edit clarifies that it is the approved materials or systems not the void which must be installed in accordance with the instructions and listings. The void is not installed, it just happens.

Related Item

• FR 8114

Submitter Information Verification

Submitter Full Name: CC Notes
Organization: Notes
Street Address:
City:
State:
Zip:
Submittal Date: Tue Mar 04 15:40:49 EST 2025
Committee: BLD-FIR

Correlating Committee Note No. 22-NFPA 5000-2025 [New Section after 8.9.3.3.2]

Submitter Information Verification

Committee: BLD-AAC
Submittal Date: Mon Jan 27 13:06:56 EST 2025

Committee Statement and Meeting Notes

Committee Statement: Consider ballot comment from Walke: Suggest a minor edit as follows: "Approved materials or systems protecting voids in accordance with 8.9.3.3.2 shall be installed and maintained in accordance with the manufacturer's installation instructions and to the requirements of the listing criteria." This edit clarifies that it is the approved materials or systems not the void which must be installed in accordance with the instructions and listings. The void is not installed, it just happens.

First Revision No. 8114-NFPA 5000-2024 [New Section after 8.9.3.3.2]

Ballot Results

✔ **This item has passed ballot**

13 Eligible Voters
3 Not Returned
10 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned

Hopper, Howard
O'Connor, Daniel J.
Vinci, Leon F.

Affirmative All

Bellamy, Tracey D.
Frable, David W.
Hansen, Raymond N.
Hugo, Jeffrey M.
Lisinski, Ed
Roberts, Richard Jay
Savage, Sr., Michael L.
Shah, Faimeen

Tubbs, Jeffrey S.

Willse, Peter J.

Public Comment No. 64-NFPA 5000-2025 [Section No. 8.9.3.3.3]

8.9.3.3.3

~~Voids protected~~ Approved materials or systems protecting voids in accordance with 8.9.3.3.2 shall be installed and maintained in accordance with the manufacturer's installation instructions and to the requirements of the listing criteria.

Statement of Problem and Substantiation for Public Comment

This Public Comments clarifies that it is the approved materials or systems that are to be installed in accordance with the instructions and listings, not the void. The void is not installed, it just happens.

Related Item

• FR-8114, New Section after 8.9.3.3.2

Submitter Information Verification

Submitter Full Name: Richard Walke
Organization: Creative Technology Inc.
Affiliation: Firestop Contractors International Association
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jun 03 11:00:23 EDT 2025
Committee: BLD-FIR

Public Comment No. 65-NFPA 5000-2025 [Section No. 8.11.5.2]

8.11.5.2

Through-penetrations for cables, cable trays, conduits, pipes, tubes, vents, wires, and similar items to accommodate electrical, mechanical, plumbing, and communications systems that pass through a wall, floor, or floor/ceiling assembly constructed as a smoke barrier, or through the ceiling membrane of the roof/ceiling of a smoke barrier, shall be protected by a listed system tested in accordance with the requirements of UL 1479, *Fire Tests of Penetration Firestops*, for air leakage and shall ~~comply~~ have an L Rating which complies with one of the following:

(1) A maximum ~~L rating of~~ leakage of 5 ft^3 min per ft^2 (0.025 m^3/s per m^2) of penetration opening for each through-penetration firestop system

(2) A maximum total cumulative leakage of 50 ft^3 min (0.024 m^3/s) for any 100 ft^2 (9.3 m^2) of wall area or floor area

Statement of Problem and Substantiation for Public Comment

This Public Comment ties the phrase L Rating to the leakage determined in accordance with UL 1479 and consistently uses the word "leakage" in Items 1 and 2.

Related Item

• FR-8116: New Section 8.11.5.2

Submitter Information Verification

Submitter Full Name: Richard Walke
Organization: Creative Technology Inc.
Affiliation: Firestop Contactors International Association
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jun 03 11:04:52 EDT 2025
Committee: BLD-FIR

Public Comment No. 9-NFPA 5000-2025 [Section No. A.8.10.3.4]

A.8.10.3.4

Gasketing of most doors in smoke partitions should not be necessary. In cases where specific doors are required to be smoke-leakage rated in accordance with NFPA 105, gasketing can be required per the manufacturer's installation instructions.

Additional Proposed Changes

File Name	Description	Approved
5000_A2026_BLD_AAC_CCN_23.pdf	5000_CC NOTE23	

Statement of Problem and Substantiation for Public Comment

NOTE: The following CC Note No. 23 Appeared in the First Draft Report on First Revisions No. 8115.

Consider Breen's affirmative comment: "The second sentence does not seem necessary, as it is unclear when a door in a smoke partition would need to be smoke-leakage rated."

Related Item

• FR 8115

Submitter Information Verification

Submitter Full Name: CC Notes
Organization: Notes
Street Address:
City:
State:
Zip:
Submittal Date: Tue Mar 04 15:55:30 EST 2025
Committee: BLD-FIR

Correlating Committee Note No. 23-NFPA 5000-2025 [Section No. A.8.10.3.4]

Submitter Information Verification

Committee: BLD-AAC
Submittal Date: Mon Jan 27 13:08:14 EST 2025

Committee Statement and Meeting Notes

Committee Statement: Consider Breen's affirmative comment: "The second sentence does not seem necessary, as it is unclear when a door in a smoke partition would need to be smoke-leakage rated."

First Revision No. 8115-NFPA 5000-2024 [Section No. A.8.10.3.4]

Ballot Results

✔ **This item has passed ballot**

13 Eligible Voters
3 Not Returned
10 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned

Hopper, Howard
O'Connor, Daniel J.
Vinci, Leon F.

Affirmative All

Bellamy, Tracey D.
Frable, David W.
Hansen, Raymond N.
Hugo, Jeffrey M.
Lisinski, Ed
Roberts, Richard Jay
Savage, Sr., Michael L.
Shah, Faimeen
Tubbs, Jeffrey S.
Willse, Peter J.

Committee Input No. 8068-NFPA 5000-2024 [New Section after 8.2.3.2]

8.2.3.2.4

Where calculations are used to establish the fire resistance rating of structural steel assemblies and composite steel and concrete assemblies, the provisions of AISC 360 Appendix 4, Section 4.3 shall be permitted to be used.

8.2.3.2.5

Establishing equivalency to the standard fire-resistance rating using the advanced methods of analysis of AISC 360 Appendix 4.2 in combination with the fire exposure specified in ASTM E119 or UL 263 as the design-basis fire, as permitted in AISC 360 Appendix 4, Section 4.3.1, shall be permitted when in accordance with Section 1.5.

Submitter Information Verification

Committee: BLD-FIR

Submittal Date: Thu Jul 11 17:13:20 EDT 2024

Committee Statement

Committee Statement: The technical committee would like to add reference to the new AISC 360 appendix 4 for the calculations to establish the fire resistance rating of structural steel assemblies and composite steel and concrete assemblies. A task group has been formed to review this committee input and provide a recommendation for the second draft meeting.

-The way the current proposal is written it confuses analytical methods with calculated methods.

-The analytical method would need approval under section 1.5

-The current proposal does not meet the NFPA Manual of Style

-Allowance to use Section 4.3 for tested assemblies based on ASTM E119 & UL 263.

-Allowance to use Section 4.2 for analytical calculations for fire rating based on E119 & UL 263 fire curve.

Response Message: CI-8068-NFPA 5000-2024

Public Input No. 43-NFPA 5000-2024 [New Section after 8.2.3.2]

Ballot Results

This item has not been balloted