



# **NATIONAL FIRE PROTECTION ASSOCIATION**

The leading information and knowledge resource on fire, electrical and related hazards

## **AGENDA**

### **NFPA Technical Committee on Industrial, Storage, and Miscellaneous Occupancies (BLD/SAF-IND)**

#### **NFPA 101 & NFPA 5000 First Draft Meeting (A2026)**

July 17, 2024  
8 a.m. (CT)

Embassy Suites by Hilton Kansas City Plaza  
Kansas City, Missouri

To join the meeting, please contact [jyee@nfpa.org](mailto:jyee@nfpa.org)

- 1. Call to order.**
- 2. Introductions.** See committee roster attached.
- 3. Chair report.**
- 4. Staff liaison report.** Jennifer Sisco.
  - a. **First Draft meeting process.**
  - b. **Reference publication/extract updates.**
  - c. **Copyright/extracts from external publications.**
- 5. Previous meeting minutes.** August 2022 Web/Teleconference. See attached.
- 6. Correlating committee direction for 2027 editions – BLD-AAC/SAF-AAC Pre-First Draft meeting minutes (attached).**
  - a. Non-NFPA extracts in NFPA 101 and NFPA 5000. (Minutes item 4.b)
  - b. Fire alarm notification signal terminology in NFPA 101 and NFPA 5000. (Minutes item 8.b.i and 8.b.ii)
- 7. NFPA 101 First Draft.**
  - a. **Public Inputs.** See attached.
  - b. **Presentation(s).**
- 8. NFPA 5000 First Draft.**
  - a. **Public Inputs.** (no public inputs received).
  - b. **Presentation(s).**
- 9. Other Business.**
- 10. Future meetings.**
- 11. Adjournment.**

# Address List No Phone

06/11/2024

Jen Sisco

SAF-IND

## Industrial, Storage, and Miscellaneous Occupancies

### Safety to Life

|                                                                                                                                                                         |                      |                                                                                                                                                                            |                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>Steven A. Sheldon</b>                                                                                                                                                | <b>SE</b> 08/09/2012 | <b>Jen Sisco</b>                                                                                                                                                           | 08/20/2019          |
| <b>Chair</b>                                                                                                                                                            | <b>SAF-IND</b>       | <b>Secretary (Staff-Nonvoting)</b>                                                                                                                                         | <b>SAF-IND</b>      |
| Fisher Engineering, Inc.<br>3707 East Southern Avenue<br>Mesa, AZ 85206<br><b>Alternate: Katherine A. Pothier</b>                                                       |                      | National Fire Protection Association<br>1 Batterymarch Park<br>Quincy, MA 02169-7471                                                                                       |                     |
| <b>Ali Al-Mannai</b>                                                                                                                                                    | <b>E</b> 04/03/2019  | <b>Paul Armstrong</b>                                                                                                                                                      | <b>M</b> 08/10/2022 |
| <b>Principal</b>                                                                                                                                                        | <b>SAF-IND</b>       | <b>Principal</b>                                                                                                                                                           | <b>SAF-IND</b>      |
| State of Qatar-Ministry of Interior General Administration of<br>Civil Defense<br>House 58-Street 662-Zone 70<br>P.O. Box 7158<br>Doha, DOHA 00974 Qatar                |                      | PACCS<br>4182 N. Viking Way<br>Suite 204<br>Long Beach, CA 90808<br><b>American Wood Council</b><br><b>Alternate: Ed Lisinski</b>                                          |                     |
| <b>Ben Barrett</b>                                                                                                                                                      | <b>M</b> 08/23/2023  | <b>Donald C. Birchler</b>                                                                                                                                                  | <b>SE</b> 1/1/1991  |
| <b>Principal</b>                                                                                                                                                        | <b>SAF-IND</b>       | <b>Principal</b>                                                                                                                                                           | <b>SAF-IND</b>      |
| DG Advisor<br>PO Box 248<br>Dubois, WY 82513<br><b>Sporting Arms and Ammunition Manufacturers Institute</b>                                                             |                      | FP&C Consultants KC, LLC<br>1330 Burlington Street<br>Suite 200<br>North Kansas City, MO 64116<br><b>Alternate: Jeffrey A. Scott</b>                                       |                     |
| <b>Chris L. Butts</b>                                                                                                                                                   | <b>I</b> 12/02/2020  | <b>Michael Connor</b>                                                                                                                                                      | <b>M</b> 12/06/2017 |
| <b>Principal</b>                                                                                                                                                        | <b>SAF-IND</b>       | <b>Principal</b>                                                                                                                                                           | <b>SAF-IND</b>      |
| Sompo International<br>390 Dancing Bear Drive<br>Hendersonville, NC 28792                                                                                               |                      | Champion Fire Protection<br>825 Wheaton Street<br>Savannah, GA 31401<br><b>Automatic Fire Alarm Association, Inc.</b><br><b>Alternate: Ryan Sandler</b>                    |                     |
| <b>Christopher Culp</b>                                                                                                                                                 | <b>SE</b> 08/17/2017 | <b>Ryan Cummings</b>                                                                                                                                                       | <b>E</b> 10/29/2012 |
| <b>Principal</b>                                                                                                                                                        | <b>SAF-IND</b>       | <b>Principal</b>                                                                                                                                                           | <b>SAF-IND</b>      |
| Henderson Engineers, Inc.<br>Division of Henderson Engineers, Inc.<br>8345 Lenexa Drive<br>Lenexa, KS 66214-1654                                                        |                      | US Department of Transportation<br>FAA EOSH Services - AJW-231<br>800 Independence Ave SW<br>Suite 300, Room 091<br>Washington, DC 20591<br><b>Alternate: Kevin Korver</b> |                     |
| <b>Sheldon Dacus</b>                                                                                                                                                    | <b>M</b> 12/08/2015  | <b>Stephen E. Dale</b>                                                                                                                                                     | <b>I</b> 08/09/2012 |
| <b>Principal</b>                                                                                                                                                        | <b>SAF-IND</b>       | <b>Principal</b>                                                                                                                                                           | <b>SAF-IND</b>      |
| Security Fire Protection Company<br>4495 Mendenhall Road<br>Memphis, TN 38141<br><b>National Fire Sprinkler Association</b><br><b>Alternate: Ernesto Rodriguez, Jr.</b> |                      | Cincinnati Insurance Company<br>6200 South Gilmore Road<br>Fairfield, OH 45014-5141<br><b>Alternate: Steve Halferty</b>                                                    |                     |

# Address List No Phone

06/11/2024

Jen Sisco

SAF-IND

## Industrial, Storage, and Miscellaneous Occupancies

### Safety to Life

|                                                                                                                                                                                   |                      |                                                                                                                                                                                     |                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| <b>Nicholas A. Dawe</b>                                                                                                                                                           | <b>E</b> 10/20/2010  | <b>Jeffrey T. Dudley</b>                                                                                                                                                            | <b>U</b> 10/20/2010  |
| <b>Principal</b><br>Cobb County Fire Marshal's Office<br>1595 County Services Parkway<br>Marietta, GA 30008                                                                       | <b>SAF-IND</b>       | <b>Principal</b><br>National Aeronautics & Space Administration, Kennedy Space Center (NASA)<br>503 Glenbrook Circle<br>Rockledge, FL 32955<br><b>Alternate: Drew Anthony Lange</b> | <b>SAF-IND</b>       |
| <b>Luca Fiorentini</b>                                                                                                                                                            | <b>SE</b> 12/06/2019 | <b>Robert E. Hanson</b>                                                                                                                                                             | <b>U</b> 12/08/2015  |
| <b>Principal</b><br>TECSA<br>Via Figino 101<br>Pero, Milan, 20016 Italy                                                                                                           | <b>SAF-IND</b>       | <b>Principal</b><br>Savannah River Nuclear Solutions<br>739 Turning Leaf Circle<br>Augusta, GA 30909-6063<br><b>Alternate: Ralph Kelsey Foster</b>                                  | <b>SAF-IND</b>       |
| <b>James Kendzel</b>                                                                                                                                                              | <b>U</b> 08/11/2020  | <b>Andrew S. Klein</b>                                                                                                                                                              | <b>U</b> 10/29/2012  |
| <b>Principal</b><br>American Supply Association<br>4342 Longfellow Avenue<br>Minneapolis, MN 55407<br><b>American Supply Association</b>                                          | <b>SAF-IND</b>       | <b>Principal</b><br>A S Klein Engineering PLLC<br>2 Rose Court<br>Pasco, WA 99301<br><b>Self Storage Association</b>                                                                | <b>SAF-IND</b>       |
| <b>William E. Koffel</b>                                                                                                                                                          | <b>M</b> 04/17/2024  | <b>Todd LaBerge</b>                                                                                                                                                                 | <b>SE</b> 08/17/2015 |
| <b>Principal</b><br>Koffel Associates, Inc.<br>8815 Centre Park Drive<br>Suite 200<br>Columbia, MD 21045-2107<br><b>Compressed Gas Association</b><br><b>Principal: Rob Early</b> | <b>SAF-IND</b>       | <b>Principal</b><br>TLB Fire Protection Engineering, Inc.<br>1162 Salerno Drive<br>Campbell, CA 95008                                                                               | <b>SAF-IND</b>       |
| <b>Joshua P. McDonald</b>                                                                                                                                                         | <b>IM</b> 04/12/2022 | <b>Brian L. Olsen</b>                                                                                                                                                               | <b>U</b> 04/03/2019  |
| <b>Principal</b><br>American Fire Sprinkler Association (AFSA)<br>12750 Merit Drive<br>Suite 350<br>Dallas, TX 75251<br><b>Alternate: John August Denhardt</b>                    | <b>SAF-IND</b>       | <b>Principal</b><br>Phillips 66<br>20414 North 4030 Road<br>Bartlesville, OK 74006<br><b>American Petroleum Institute</b>                                                           | <b>SAF-IND</b>       |
| <b>Scot Pruett</b>                                                                                                                                                                | <b>SE</b> 8/2/2010   | <b>Raja Sajad Hussain</b>                                                                                                                                                           | <b>SE</b> 8/11/2020  |
| <b>Principal</b><br>Black & Veatch Corporation<br>11401 Lamar Avenue<br>Overland Park, KS 66211-1508                                                                              | <b>SAF-IND</b>       | <b>Principal</b><br>SHE Fire Safety Consultancy<br>PO Box 19482<br>Dubai, DUBAI 19482 United Arab Emirates                                                                          | <b>SAF-IND</b>       |

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Jen Sisco

SAF-IND

## Industrial, Storage, and Miscellaneous Occupancies

### Safety to Life

|                                                                                                                                                                                                                       |                     |                                                                                                                                                                      |                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| <b>Bruce J. Swiecicki</b>                                                                                                                                                                                             | <b>IM</b> 7/16/2003 | <b>Daniel P. Wake</b>                                                                                                                                                | <b>M</b> 04/12/2022  |
| <b>Principal</b><br>National Propane Gas Association<br>19530 Southfield Lane<br>Tinley Park, IL 60487<br><b>National Propane Gas Association</b>                                                                     | <b>SAF-IND</b>      | <b>Principal</b><br>Victaulic Company of America<br>4901 Kesslersville Road<br>PO Box 31<br>Easton, PA 18040-6714                                                    | <b>SAF-IND</b>       |
| <b>Michael S. White</b>                                                                                                                                                                                               | <b>M</b> 08/17/2015 | <b>Kathryn M. Cifa</b>                                                                                                                                               | <b>SE</b> 3/2/2010   |
| <b>Principal</b><br>Siemens Building Technologies<br>Smart Infrastructure<br>2781 Milano Avenue<br>Apex, NC 27502<br><b>National Electrical Manufacturers Association</b><br><b>Alternate: Harrison M. Bradstreet</b> | <b>SAF-IND</b>      | <b>Voting Alternate</b><br>Bechtel National, Inc.<br>Senior Fire Protection Engineer<br>12011 Sunset Hills Road<br>Suite 110<br>Reston, VA 20190-5919                | <b>SAF-IND</b>       |
| <b>Piotr Kozak</b>                                                                                                                                                                                                    | <b>U</b> 08/10/2022 | <b>Bobbie L. Smith</b>                                                                                                                                               | <b>U</b> 3/2/2010    |
| <b>Voting Alternate</b><br>Aptiv<br>Podgorki Tynieckie 2<br>Kraków, MAŁOPOLSKIE 30-399 Poland<br><b>NFPA Industrial Fire Protection Section</b>                                                                       | <b>SAF-IND</b>      | <b>Voting Alternate</b><br>Micron Technology, Inc.<br>8000 South Federal Way<br>Boise, ID 83707<br><b>Semiconductor Industry Association</b>                         | <b>SAF-IND</b>       |
| <b>Harrison M. Bradstreet</b>                                                                                                                                                                                         | <b>M</b> 12/06/2017 | <b>John August Denhardt</b>                                                                                                                                          | <b>IM</b> 08/11/2020 |
| <b>Alternate</b><br>Siemens<br>2 Amberleigh Court<br>Lake in the Hill, IL 60156<br><b>National Electrical Manufacturers Association</b><br><b>Principal: Michael S. White</b>                                         | <b>SAF-IND</b>      | <b>Alternate</b><br>American Fire Sprinkler Association (AFSA)<br>1410 East Renner Road<br>Suite 150<br>Richardson, TX 75082<br><b>Principal: Joshua P. McDonald</b> | <b>SAF-IND</b>       |
| <b>Rob Early</b>                                                                                                                                                                                                      | <b>M</b> 04/11/2018 | <b>Ralph Kelsey Foster</b>                                                                                                                                           | <b>U</b> 12/06/2019  |
| <b>Alternate</b><br>Compressed Gas Association<br>2540 Bowen Road<br>Elma, NY 14059<br><b>Alternate: William E. Koffel</b>                                                                                            | <b>SAF-IND</b>      | <b>Alternate</b><br>Savannah River Nuclear Solutions<br>Building 707-55B<br>Aiken, SC 29808<br><b>Principal: Robert E. Hanson</b>                                    | <b>SAF-IND</b>       |
| <b>Steve Halferty</b>                                                                                                                                                                                                 | <b>I</b> 08/17/2018 | <b>Kevin Korver</b>                                                                                                                                                  | <b>E</b> 08/10/2022  |
| <b>Alternate</b><br>Cincinnati Insurance<br>805 11th Avenue<br>Helena, MT 59601<br><b>Principal: Stephen E. Dale</b>                                                                                                  | <b>SAF-IND</b>      | <b>Alternate</b><br>US Department Of Transportation<br>FAA<br>2200 S 216th Street<br>Des Moines, WA 98198<br><b>Principal: Ryan Cummings</b>                         | <b>SAF-IND</b>       |

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Jen Sisco

SAF-IND

## Industrial, Storage, and Miscellaneous Occupancies

### Safety to Life

|                                                                                                                                                                                                    |                      |                                                                                                                                                                                       |                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>Drew Anthony Lange</b>                                                                                                                                                                          | <b>U</b> 04/17/2024  | <b>Ed Lisinski</b>                                                                                                                                                                    | <b>M</b> 08/10/2022 |
| <b>Alternate</b><br>NASA Marshall Space Flight Center<br>4732 Rideout Road<br>Facility Systems Safety (Qd12)<br>MSFC, AL 35812<br><b>Principal: Jeffry T. Dudley</b>                               | <b>SAF-IND</b>       | <b>Alternate</b><br>American Wood Council (AWC)<br>3364 S. 119th Street<br>West Allis, WI 53227<br><b>Principal: Paul Armstrong</b>                                                   | <b>SAF-IND</b>      |
| <b>Katherine A. Pothier</b>                                                                                                                                                                        | <b>SE</b> 08/09/2012 | <b>Ernesto Rodriguez, Jr.</b>                                                                                                                                                         | <b>M</b> 08/17/2017 |
| <b>Alternate</b><br>Fisher Engineering, Inc.<br>10475 Medlock Bridge Road<br>Suite 520<br>Johns Creek, GA 30097<br><b>Principal: Steven A. Sheldon</b>                                             | <b>SAF-IND</b>       | <b>Alternate</b><br>Wiginton Fire Protection Engineering, Inc.<br>699 Aero Lane<br>Sanford, FL 32771<br><b>National Fire Sprinkler Association</b><br><b>Principal: Sheldon Dacus</b> | <b>SAF-IND</b>      |
| <b>Ryan Sandler</b>                                                                                                                                                                                | <b>M</b> 08/24/2021  | <b>Jeffrey A. Scott</b>                                                                                                                                                               | <b>SE</b> 3/2/2010  |
| <b>Alternate</b><br>ADT Commercial LLC./Red Hawk Fire Security<br>5318 Bella Vista Street<br>Santee, CA 92071<br><b>Automatic Fire Alarm Association, Inc.</b><br><b>Principal: Michael Connor</b> | <b>SAF-IND</b>       | <b>Alternate</b><br>FP&C Consultants KC LLC<br>1330 Burlington Street<br>North Kansas City, MO 64116<br><b>Principal: Donald C. Birchler</b>                                          | <b>SAF-IND</b>      |
| <b>Jen Sisco</b>                                                                                                                                                                                   | 08/20/2019           |                                                                                                                                                                                       |                     |
| <b>Staff Liaison</b><br>National Fire Protection Association<br>1 Batterymarch Park<br>Quincy, MA 02169-7471                                                                                       | <b>SAF-IND</b>       |                                                                                                                                                                                       |                     |



# NATIONAL FIRE PROTECTION ASSOCIATION

The leading information and knowledge resource on fire, electrical and related hazards

## MINUTES

### NFPA Building Code/Safety to Life Technical Committee on Industrial, Storage, and Miscellaneous Occupancies (BLD/SAF-IND) NFPA 101/5000 Second Draft Meeting (A2023)

August 15, 2022  
11:00 a.m. – 3:35 p.m. (EDT)

Microsoft Teams Meeting

1. **Call to order.** Steve Sheldon, chair, called the meeting to order at 11:00 a.m. (EDT) on August 15, 2022.
2. **Introductions.** NFPA staff took attendance.
3. **Chair report.** Steve Sheldon welcomed attendees and provided an overview of the meeting.
4. **Staff liaison report.** Jennifer Sisco provided an overview of the standards development process and the revision cycle schedule.
5. **Previous meeting minutes.** The minutes from the August 2021 Microsoft Teams Web Conference were approved without revision.
6. **Review Correlating Committee on Building Code previous meeting minutes.**
  - a. **Minute item 10.a.** The Technical Committee reviewed the correlating committee minute item related to NFPA 13, 13R, and 13D references and developed Second Revisions as necessary. These will be available in the Second Draft Report at [www.nfpa.org/5000](http://www.nfpa.org/5000).
  - b. **Minute item 10.b.** The Technical Committee reviewed the correlating committee minute item related to damper definitions and no motions were made.
  - c. **Minute item 10.c.** The Technical Committee reviewed the correlating committee minute item related to draftstop terminology and no motions were made.
  - d. **Minute item 10.d.** The Technical Committee reviewed the correlating committee minute item related to modular rooms and no motions were made.
7. **Review Correlating Committee on Safety to Life previous meeting minutes.**
  - a. **CC minute item 9.b.i.** The Technical Committee reviewed the correlating committee minute item related to NFPA 13, 13R, and 13D references and no motions were made.
  - b. **CC minute item 9.b.v.** The Technical Committee reviewed the correlating committee minute item related to Chapter 41 and no motions were made.
8. **NFPA 101 Second Draft.**
  - a. **Referenced publications.** The Technical Committee reviewed the attachment for reference publications and no motions were made.

- b. **Extracts.** The Technical Committee reviewed extracted material and developed Second Revisions as necessary. These will be available in the Second Draft Report at [www.nfpa.org/101](http://www.nfpa.org/101).
- c. **Public Comments.** The Technical Committee reviewed the Public Comments and developed Second Revisions as necessary. These will be available in the Second Draft Report at [www.nfpa.org/101](http://www.nfpa.org/101).
- d. **Task group report(s).** None.
- e. **Presentation(s).** None.
- f. **Committee Inputs.** The Technical Committee reviewed the Committee Inputs and developed Second Revisions as necessary. These will be available in the Second Draft Report at [www.nfpa.org/101](http://www.nfpa.org/101).

## 9. NFPA 5000 Second Draft.

- a. **Referenced publications.** The Technical Committee reviewed the attachment for reference publications and no motions were made.
- b. **Extracts.** The Technical Committee reviewed extracted material and developed Second Revisions as necessary. These will be available in the Second Draft Report at [www.nfpa.org/5000](http://www.nfpa.org/5000).
- c. **Public Comments.** The Technical Committee reviewed the Public Comments and developed Second Revisions as necessary. These will be available in the Second Draft Report at [www.nfpa.org/5000](http://www.nfpa.org/5000).
- d. **Task group report(s).** None.
- e. **Presentation(s).** None.
- f. **Committee Inputs.** The Technical Committee reviewed the Committee Inputs and developed Second Revisions as necessary. These will be available in the Second Draft Report at [www.nfpa.org/5000](http://www.nfpa.org/5000).

## 10. Other business.

- a. There was a discussion about resuming in-person meetings next cycle. Multiple committee member expressed interest in resuming in-person meetings next cycle. The format for next cycle meetings is to be determined.

**11. Future meetings.** This was the final meeting of this committee for the revision cycle. Public Inputs for the next edition are expected to close June 2024. A meeting notification will be posted at [www.nfpa.org/101next](http://www.nfpa.org/101next) and [www.nfpa.org/5000next](http://www.nfpa.org/5000next) when the next meeting is scheduled.

**12. Adjournment.** The meeting was adjourned at 3:35 p.m. (EDT) on August 15, 2022.

## **Attendees**

### **Committee Members:**

|   |                         |             |                                                                                     |
|---|-------------------------|-------------|-------------------------------------------------------------------------------------|
| ✓ | Sheldon, Steven         | Chair       | Fisher Engineering, Inc.                                                            |
| ✓ | Al-Mannai, Ali          | Principal   | State of Qatar-Ministry of Interior General                                         |
| ✓ | Birchler, Donald        | Principal   | FP&C Consultants KC, LLC.                                                           |
|   | Butts, Chris            | Principal   | Sompo International                                                                 |
| ✓ | Connor, Michael         | Principal   | Champion Fire Protection<br>Rep. Automatic Fire Alarm Association, Inc.             |
| ✓ | Culp, Christopher       | Principal   | Henderson Engineers, Inc.                                                           |
|   | Cummings, Ryan          | Principal   | US Department of Transportation                                                     |
|   | Cusimano, Alberto       | Principal   | Dupont International SA                                                             |
| ✓ | Dacus, Sheldon          | Principal   | Security Fire Protection Company<br>Rep. National Fire Sprinkler Association        |
|   | Dale, Stephen           | Principal   | Cincinnati Insurance Company                                                        |
|   | Dawe, Nicholas          | Principal   | Cobb County Fire Marshal's Office                                                   |
|   | Dudley, Jeffry          | Principal   | National Aeronautics & Space                                                        |
|   | Early, Rob              | Principal   | Compressed Gas Association                                                          |
|   | Fiorentini, Luca        | Principal   | TECSA                                                                               |
| ✓ | Hanson, Robert          | Principal   | Savannah River Nuclear Solutions                                                    |
| ✓ | Humble, Jonathan        | Principal   | American Iron and Steel Institute                                                   |
| ✓ | Kendzel, James          | Principal   | American Supply Association<br>Rep. American Supply Association                     |
| ✓ | Klein, Andrew           | Principal   | A S Klein Engineering PLLC<br>Rep. Self Storage Association                         |
|   | Lozano-Rosales, Roberto | Principal   | Aptiv<br>Rep. NFPA Industrial Fire Protection Section                               |
| ✓ | McDonald, Joshua        | Principal   | American Fire Sprinkler Association                                                 |
| ✓ | Olsen, Brian            | Principal   | Phillips 66<br>Rep. American Petroleum Institute                                    |
| ✓ | Pruett, Scot            | Principal   | Black & Veatch Corporation                                                          |
| ✓ | Sajad Hussain, Raja     | Principal   | SHE Fire Safety Consultancy                                                         |
| ✓ | Skinker, Cleveland      | Principal   | Bechtel Infrastructure and Power                                                    |
| ✓ | Swiecicki, Bruce        | Principal   | National Propane Gas Association<br>Rep. National Propane Gas Association           |
| ✓ | Wake, Daniel            | Principal   | Victaulic                                                                           |
| ✓ | White, Michael          | Principal   | Siemens Building Technologies<br>Rep. National Electrical Manufacturers Association |
|   | Wyse, Ryan              | Principal   | Refugee-Canyon Joint Fire District/Hebron Fire Department                           |
|   | Smith, Bobbie           | Voting Alt. | Micron Technology, Inc.<br>Rep. Semiconductor Industry Association                  |
| ✓ | Bradstreet, Harrison    | Alternate   | Siemens<br>Rep. National Electrical Manufacturers Association                       |
|   | Cifa, Kathryn           | Alternate   | Bechtel National, Inc.                                                              |
|   | Craig, Richard          | Alternate   | Compressed Gas Association<br>Rep. Compressed Gas Association                       |
|   | Denhardt, John          | Alternate   | American Fire Sprinkler Association                                                 |
|   | Foster, Ralph           | Alternate   | Savannah River Nuclear Solutions                                                    |

|   |                    |               |                                                                                          |
|---|--------------------|---------------|------------------------------------------------------------------------------------------|
|   | Halferty, Steve    | Alternate     | Cincinnati Insurance                                                                     |
| ✓ | Pothier, Katherine | Alternate     | Fisher Engineering, Inc.                                                                 |
| ✓ | Rodriguez, Ernesto | Alternate     | Wiginton Fire Protection Engineering, Inc.<br>Rep. National Fire Sprinkler Association   |
| ✓ | Sandler, Ryan      | Alternate     | ADT Commercial LLC/Red Hawk Fire Security<br>Rep. Automatic Fire Alarm Association, Inc. |
|   | Scott, Jeffrey     | Alternate     | FP&C Consultants KC LLC                                                                  |
| ✓ | Sisco, Jen         | Staff Liaison | National Fire Protection Association                                                     |

**Guests:**

|                |                                        |
|----------------|----------------------------------------|
| Dwayne Garriss | Synergy Consortium Group, LLC          |
| Piotr Kozak    | Aptiv                                  |
| John Woestman  | Kellen Company                         |
| Kevin Hall     | American Fire Sprinkler Association    |
| Todd LaBerge   | University of California San Francisco |

Total number in attendance: 28



# NATIONAL FIRE PROTECTION ASSOCIATION

The leading information and knowledge resource on fire, electrical and related hazards

## MINUTES

**NFPA Correlating Committee on Building Code (BLD-AAC)**

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

**NFPA 101 and NFPA 5000 Pre-First Draft Meeting (A2026)**

February 13, 2024

1:00 p.m. (ET)

Microsoft Teams Remote Meeting

- 1. Call to order.** P. Willse, BLD-AAC chair, on behalf of J. Tubbs, SAF-AAC chair, and himself, called the meeting to order at 1:00 p.m. on February 13, 2024.
- 2. Introductions.** NFPA staff took attendance.
- 3. Chair reports.** J. Tubbs introduced himself as the recently appointed chair of the Correlating Committee on Safety to Life, welcomed attendees, and provided an overview of the meeting. P. Willse added his welcome to the 2026 edition revision cycles of NFPA 101 and NFPA 5000.
- 4. Staff liaison reports.**
  - a. G. Harrington and K. Carr introduced the technical committee chairs who were appointed since the previous revision cycle:
    - i. B. Cronin, chair of the Technical Committee on Residential Occupancies, replacing James Lathrop
    - ii. M. Crowley, chair of the Technical Committee on Means of Egress, replacing David Collins
    - iii. N. Dawe, chair of the Technical Committee on Mercantile and Business Occupancies, replacing Amy Murdock
    - iv. J. Rickard, chair of the Technical Committee on Building Systems, replacing Joshua Greene
    - v. M. Savage, chair of the Technical Committee on Structures, Construction, and Materials, replacing Moriel Kaplan
  - b. K. Carr provided an overview of copyright and the use of extracts from non-NFPA documents in NFPA standards. NFPA is asking all committees to review such extracts and determine whether non-NFPA extracts can be revised so that they no longer extract from non-NFPA documents to reduce the needed permissions from external organizations. Motions by BLD-AAC and SAF-AAC directing all technical committees to review non-

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These minutes are considered preliminary until approved at the next committee meeting.

NFPA extracts in NFPA 101 and NFPA 5000 and revise where appropriate passed. Such direction will be provided to the technical committees via First Draft meeting agenda items.

- c. K. Carr reported that NFPA is asking all correlating and technical committee members to be mindful that, in accordance with the [Guide for the Conduct of Participants in the NFPA Standards Development Process](#), a TC/CC member in any interest category who has been retained to represent the interests of another interest category with respect to a specific issue or issues that are to be addressed by a TC/CC shall declare those interests to the committee and refrain from voting on any Public Input, Public Comment, or other matter relating to those issues. Members are encouraged to periodically review the *Conduct Guide* for details.

## **5. Previous meeting minutes.**

- a. The minutes of the December 13, 2022, SAF-AAC NFPA 101 Second Draft meeting were approved with the following correction: In item 6.b, change “DAX” to “DACT.”
- b. The minutes of the December 14, 2022, BLD-AAC NFPA 5000 Second Draft meeting were approved with the following corrections: Under “Attendees” and “Guests,” the following corrections to names and organizations were made: Mark Smith, Summit Fire & Security/Fire Life Safety; Peter Larrimer\*, US Department of Veterans Affairs; Rodger Reiswig, Johnson Controls; Shamim Rashid-Sumar, National Ready Mix Concrete Association; Chip Carson, Carson Associates, Inc.

## **6. Liaison reports.**

- a. Sprinkler project. W. Koffel reported that the NFPA 13/13R/13D second drafts are now posted and open for NITMAMs (closing date March 27, 2024). No apparent conflicts or concerns exist between the revised sprinkler standards and NFPA 101/5000.
- b. Fire alarm project. S. Clary reported that NFPA 72 is in the same position as the sprinkler standards with the same NITMAM closing date. No apparent conflicts or concerns exist between the revised NFPA 72 and NFPA 101/5000.

## **7. Correlating Committee task group reports.**

- a. Sprinkler system supervision: J. Hugo. No report; the task group will convene prior to the First Draft meetings.
- b. Occupant load terminology: J. Tubbs. The task group chair asked to be replaced as he is now chairing SAF-AAC. M. Crowley will take over as task group chair and it will convene prior to the first draft meetings.
- c. TC scopes: E. Rosenbaum. The draft scopes were circulated for comments following the previous correlating committee second draft meetings. No comments were received.
  - i. A motion by SAF-AAC was passed to forward the proposed SAF-XXX scopes to the Standards Council as modified by deleting any references to “property protection.” See attached.

- ii. A motion by BLD-AAC was passed to forward the proposed BLD-XXX scopes to the Standards Council as modified by deleting any references to “movement of people.” A subsequent motion to reconsider the action and reinsert “movement of people” into the BLD-FIR scope passed. See attached.
- d. Modular rooms/sleep pods: H. Hopper. Staff will coordinate with the task group and correlating chairs to expand its roster. The intent is for the group to convene prior to the NFPA 101/5000 First Draft meetings.
- e. Short-term housing rentals: Staff will coordinate with the correlating committee chairs and the chairs of the relevant technical committees (BLD/SAF-FUN and BLD/SAF-RES) to develop a task group scope, recruit members, and appoint a task group chair.
- f. Exterior walls (NFPA 5000): Staff will coordinate with the BLD-BLC and BLD-SCM joint task group, as needed, who are planning to convene prior to NFPA 101/5000 Public Input Closing Dates.

## **8. Correlating Committee direction to all technical committees.**

- a. Separation of vertical buildings.
  - i. A motion by SAF-AAC was passed: Direct the applicable SAF-XXX technical committees to review 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 make any needed revisions via the creation of First Revisions or Committee Input at the First Draft meetings. Indicate whether revisions were needed in the technical committee First Draft meeting minutes. *Note: Affected committees include SAF-FIR (8.2.1.3(4)), SAF-FUN (4.6.3(5)), and the occupancy committees with construction limits in the X.1.6 subsection (SAF-AXM, SAF-END, SAF-HEA, SAF-DET, and SAF-BCF).*
  - ii. A motion by BLD-AAC was passed: Direct the applicable BLD-XXX technical committees to review the sections of NFPA 5000 noted in item 8.a.ii of the BLD/SAF-AAC Pre-First Draft Meeting Agenda for any inconsistencies as they relate to podium or pedestal construction and make any needed revisions via the creation of First Revisions or Committee Input at the First Draft meetings. Indicate whether revisions were needed in the technical committee First Draft meeting minutes. *Note: This impacts all BLD technical committees, with the exception of BLD-BLC, who has jurisdiction over all requirements (7.4.3.6.5, 7.4.3.6.7, 8.3.3.7.1, D.6.6, D.6.8).*
- b. Fire alarm notification signal terminology (*visual* vs. *visible*) for consistency with NFPA 72.
  - i. A motion by SAF-AAC was passed: Direct the SAF-XXX technical committees to review their use of the terms *visual* and *visible* as they relate to fire alarm signals and revise, as needed, to align with NFPA 72, *National Fire Alarm and Signaling Code*.
  - ii. A motion by BLD-AAC was passed: Direct the BLD-XXX technical committees to review their use of the terms *visual* and *visible* as they relate to fire alarm signals and revise, as needed, to align with NFPA 72, *National Fire Alarm and Signaling Code*.

## **9. TC updates/subject areas of interest for TC focus during 2027 edition revision cycle.**

- a. TC on Assembly Occupancies (BLD/SAF-AXM). Chair J. Lambert reported there are several task groups held over from the previous cycle addressing nightclub-type special assembly occupancies, crowd manager requirements, festival seating terminology and requirements, and carbon monoxide detection requirements.
- b. TC on Board and Care Facilities (BLD/SAF-BCF). Chair John Rickard reported a task group on carbon monoxide detection for existing occupancies was held over from the previous cycle. There is also interest in putting together a task group with other affected committees on the subject of LPG and natural gas detection in buildings.
- c. TC on Building Construction: (BLD-BLC): Chair M. Chrisman reported a joint task group between BLD-BLC and BLD-SCM will begin work on requirements pertaining to exterior walls shortly. BLC will also discuss any further revisions to sections noted in 8.a.ii above, pertaining to podium or pedestal construction.
- d. TC on Building Service and Fire Protection Equipment (BLD/SAF-BSF): No report.
- e. TC on Building Systems (BLD-BSY): Chair James Rickard reported that the committee will conduct a review of accessibility requirements within Chapter 12, and cybersecurity considerations within Chapter 56.
- f. TC on Detention and Correctional Occupancies: Chair J. Serafim reported there are no specific issues under consideration for the upcoming cycle.
- g. TC on Educational and Day Care Occupancies (BLD/SAF-END): Chair M. Mertens reported that the security task group remains active and will continue to work through the upcoming revision cycle. Other items that will continue to be vetted will include ABHR requirements, carbon monoxide detection, fire alarm system upgrades in existing occupancies, and classroom safety/door locking. There are questions on the paths forward with respect to the committee scope and the scopes of NFPA 101 and NFPA 5000. Staff will coordinate with the TC chair to provide guidance moving forward.
- h. TC on Fire Protection Features (BLD/SAF-FIR): Chair N. Wittasek reported there are no specific issues under consideration for the upcoming cycle.
- i. TC on Fundamentals (BLD/SAF-FUN): Chair C. Jelenewicz reported there are no specific issues under consideration for the upcoming cycle.
- j. TC on Health Care Occupancies (BLD/SAF-HEA): Chair W. Koffel reported there are several task groups held over from the previous cycle addressing patient privacy curtains as they relate to sprinkler obstructions, carbon monoxide detection, and occupancy classification of dental clinics.
- k. TC on Industrial, Storage, and Miscellaneous Occupancies (BLD/SAF-IND): Chair S. Sheldon reported there are no specific issues under consideration for the upcoming cycle.
- l. TC on Interior Finish and Contents (BLD/SAF-INT): Chair N. Dawe reported there are no specific issues under consideration for the upcoming cycle. He also indicated that a new chair should be appointed at the April Standards Council meeting as he was recently appointed chair of BLD/SAF-MER.

- m. TC on Means of Egress (BLD/SAF-MEA): Chair M. Crowley reported there are several task groups held over from the previous cycle addressing special purpose horizontally sliding doors, cable guards, and area of refuge communication systems.
- n. TC on Mercantile and Business Occupancies (BLD/SAF-MER): Chair N. Dawe reported there are no specific issues under consideration for the upcoming cycle.
- o. TC on Residential Occupancies (BLD/SAF-RES): Chair B. Cronin reported there are no specific issues under consideration for the upcoming cycle.
- p. TC on Structures, Construction, and Materials (BLD-SCM): Chair M. Savage reported a joint task group between BLD-BLC and BLD-SCM will begin work on requirements pertaining to exterior walls.

**10. NFPA 101A update to SAF-AAC.** G. Harrington reported that the NFPA 101A second draft is currently posted and open for NITMAMs with a closing date of March 27, 2024.

**11. Other business.** There was no other business.

**12. Future meetings.** The next correlating committee meetings will be held in January 2025. Meeting notices will be posted at [www.nfpa.org/101next](http://www.nfpa.org/101next) and [www.nfpa.org/5000next](http://www.nfpa.org/5000next) when the meetings are scheduled.

**13. Adjournment.** The meeting was adjourned at 3:20 p.m. (ET) on February 13, 2024.

#### Attendees

##### **BLD-AAC Committee Members:**

|   | Name:            | Office:   | Organization:                        |
|---|------------------|-----------|--------------------------------------|
| ✓ | Willse, Peter    | Chair     | Portland Fire Marshal's Office       |
| ✓ | Bellamy, Tracey  | Principal | American Fire Sprinkler Association  |
| ✓ | Frable, David    | Principal | US General Services Administration   |
| ✓ | Hansen, Raymond  | Principal | US Department of the Air Force       |
| ✓ | Hopper, Howard   | Principal | UL Solutions                         |
| ✓ | Hugo, Jeffrey    | Principal | National Fire Sprinkler Association  |
|   | O'Connor, Daniel | Principal | American Hotel & Lodging Association |
|   | Quiter, James    | Principal | Retired-Arup                         |
| ✓ | Roberts, Richard | Principal | National Electrical Manufacturers    |
| ✓ | Savage, Michael  | Principal | Marion County Building Safety        |
| ✓ | Shah, Faimeen    | Principal | Vortex Fire Engineering Consultancy  |
| ✓ | Tyree, David     | Principal | American Wood Council                |
| ✓ | Vinci, Leon      | Principal | American Public Health Association   |
| ✓ | Asp, Roland      | Alternate | National Fire Sprinkler Association  |

|   |                          |                  |                                            |
|---|--------------------------|------------------|--------------------------------------------|
|   | <b>Denhardt, John</b>    | Alternate        | American Fire Sprinkler Association        |
|   | <b>Keays, Jack</b>       | Alternate        | Vortex Fire Consulting Inc.                |
|   | <b>Laramée, Scott</b>    | Alternate        | American Hotel & Lodging Association       |
| ✓ | <b>Marks, Maria</b>      | Alternate        | National Electrical Manufacturers          |
|   | <b>O’Brocki, Raymond</b> | Alternate        | American Wood Council                      |
|   | <b>Pauls, Jake</b>       | Alternate        | American Public Health Association         |
|   | <b>Simone, Joseph</b>    | Alternate        | US Department of the Navy                  |
| ✓ | <b>Tubbs, Jeffrey</b>    | Alternate        | Arup                                       |
| ✓ | <b>Chrisman, Mark</b>    | Nonvoting Member | TC on Building Construction                |
| ✓ | <b>Cronin, Bradford</b>  | Nonvoting Member | TC on Residential Occupancies              |
| ✓ | <b>Crowley, Michael</b>  | Nonvoting Member | TC on Means of Egress                      |
| ✓ | <b>Dawe, Nicholas</b>    | Nonvoting Member | TC on Mercantile and Business              |
|   | <b>Grill, Raymond</b>    | Nonvoting Member | TC on Building Service and Fire Protection |
| ✓ | <b>Jelenewicz, Chris</b> | Nonvoting Member | TC on Fundamentals                         |
| ✓ | <b>Koffel, William</b>   | Nonvoting Member | TC on Health Care Occupancies              |
| ✓ | <b>Lambert, Josh</b>     | Nonvoting Member | TC on Assembly Occupancies                 |
| ✓ | <b>Mertens, Matthew</b>  | Nonvoting Member | TC on Educational and Day-Care             |
| ✓ | <b>Rickard, James</b>    | Nonvoting Member | TC on Building Systems                     |
| ✓ | <b>Rickard, John</b>     | Nonvoting Member | TC on Board & Care Facilities              |
| ✓ | <b>Serafim, Janna</b>    | Nonvoting Member | TC on Detention & Correctional             |
| ✓ | <b>Sheldon, Steven</b>   | Nonvoting Member | TC on Industrial, Storage, and             |
| ✓ | <b>Wittasek, Nathan</b>  | Nonvoting Member | TC on Fire Protection Features             |
| ✓ | <b>Carr, Kevin</b>       | Staff Liaison    | National Fire Protection Association       |

**SAF-AAC Committee Members:**

|   |                            |                   |                                      |
|---|----------------------------|-------------------|--------------------------------------|
| ✓ | <b>Tubbs, Jeffrey</b>      | Chair             | Arup                                 |
| ✓ | <b>Harrington, Gregory</b> | Secretary (Staff- | National Fire Protection Association |
| ✓ | <b>Bush, Kenneth</b>       | Principal         | Maryland State Fire Marshals Office  |
| ✓ | <b>Carson, Wayne</b>       | Principal         | Carson Associates, Inc.              |
| ✓ | <b>Harbuck, Stanley</b>    | Principal         | American Public Health Association   |
| ✓ | <b>Hopper, Howard</b>      | Principal         | UL Solutions                         |
| ✓ | <b>Hugo, Jeffrey</b>       | Principal         | National Fire Sprinkler Association  |

|   |                          |                   |                                            |
|---|--------------------------|-------------------|--------------------------------------------|
| ✓ | <b>Lucas, Jeffrey</b>    | Principal         | International Fire Marshals Association    |
|   | <b>Reiswig, Rodger</b>   | Principal         | National Electrical Manufacturers          |
| ✓ | <b>Rosenbaum, Eric</b>   | Principal         | American Health Care Association           |
| ✓ | <b>Savage, Michael</b>   | Principal         | Marion County Building Safety              |
| ✓ | <b>Asp, Roland</b>       | Alternate         | National Fire Sprinkler Association        |
| ✓ | <b>Marks, Maria</b>      | Alternate         | National Electrical Manufacturers          |
|   | <b>Pauls, Jake</b>       | Alternate         | American Public Health Association         |
|   | <b>Quiter, James</b>     | Alternate         | Retired-Arup                               |
| ✓ | <b>Cronin, Bradford</b>  | Nonvoting Member  | TC on Residential Occupancies              |
| ✓ | <b>Crowley, Michael</b>  | Nonvoting Member  | TC on Means of Egress                      |
| ✓ | <b>Dawe, Nicholas</b>    | Nonvoting Member  | TC on Mercantile & Business Occupancies    |
|   | <b>Grill, Raymond</b>    | Nonvoting Member  | TC on Building Service & Fire Protection   |
| ✓ | <b>Jelenewicz, Chris</b> | Nonvoting Member  | TC on Fundamentals                         |
| ✓ | <b>Koffel, William</b>   | Nonvoting Member  | TC on Health Care Occupancies              |
| ✓ | <b>Lambert, Josh</b>     | Nonvoting Member  | TC on Assembly Occupancies                 |
|   | <b>Larrimer, Peter</b>   | Nonvoting Member  | TC on Alternative Approaches to Life       |
| ✓ | <b>Mertens, Matthew</b>  | Nonvoting Member  | TC on Educational & Day-Care               |
| ✓ | <b>Rickard, John</b>     | Nonvoting Member  | TC on Board & Care Facilities              |
| ✓ | <b>Serafim, Janna</b>    | Nonvoting Member  | TC on Detention & Correctional             |
| ✓ | <b>Sheldon, Steven</b>   | Nonvoting Member  | TC on Industrial, Storage, & Miscellaneous |
| ✓ | <b>Wittasek, Nathan</b>  | Nonvoting Member  | TC on Fire Protection Features             |
| ✓ | <b>Clary, Shane</b>      | Alt. to Nonvoting | Signaling Systems Correlating Committee    |

### **Guests:**

|                  |                                             |
|------------------|---------------------------------------------|
| Kevin Brinkman   | National Elevator Industry Inc.             |
| Jonathan Humble  | National Multifamily Housing Council        |
| Steven Orłowski  | Sundowne Building Code Consultants LLC      |
| Milosh Puchovsky | Worcester Polytechnic Institute             |
| Larry Rietz      | Jensen Hughes                               |
| William Skene    | FM Global                                   |
| John Woestman    | Builders Hardware Manufacturers Association |
| Stephen Ganoe    | NFPA                                        |
| Camille Levy     | NFPA                                        |

|                    |      |
|--------------------|------|
| Jennifer Sisco     | NFPA |
| Tracy Vecchiarelli | NFPA |

Total number in attendance: 46

## Committee Scope & Responsibility

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### Safety to Life (SAF-AAC)

#### Scope

This Committee shall have primary responsibility for documents on the protection of human life from fire and other circumstances capable of producing similar consequences and for the nonemergency and emergency movement of people.

#### Responsibility

Life Safety Code® (NFPA 101)

### Alternative Approaches to Life Safety (SAF-ALS)

#### Scope

This Committee shall have primary responsibility for documents on alternative methods of protection of human life from fire and other circumstances capable of producing similar consequences and on the nonemergency and emergency movement of people.

#### Responsibility

Guide on Alternative Approaches to Life Safety (NFPA 101A)

### Assembly Occupancies (SAF-AXM)

#### Scope

This Committee shall have primary responsibility for documents on protection of human life ~~and property~~ from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people in assembly occupancies, tents, and membrane structures.

#### Responsibility

Life Safety Code® (NFPA 101) Chapter 12

Life Safety Code® (NFPA 101) Chapter 13

Standard for Grandstands, Folding and Telescopic Seating, Tents, and Membrane Structures (NFPA 102)

## Board and Care Facilities (SAF-BCF)

### Scope

This Committee shall have primary responsibility for documents on protection of human life ~~and property~~ from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people in residential board and care facilities.

### Responsibility

Life Safety Code® (NFPA 101) Chapter 32

Life Safety Code® (NFPA 101) Chapter 33

## Building Service and Fire Protection Equipment (SAF-BSF)

### Scope

This Committee shall have primary responsibility for documents on building service, fire protection, and life safety equipment and systems, ~~the application of fire protection systems including detection, alarm, and suppression, and the life safety impact of various building systems~~, as they relate to protection of human life from fire and other circumstances capable of producing similar consequences, and to the nonemergency and emergency movement of people.

**Comment:** Building service, fire protection, and life safety equipment and systems are covered by this committee. The last phrase includes wording used on other committee scopes.

### Responsibility

Life Safety Code® (NFPA 101) Chapter 9

## Detention and Correctional Occupancies (SAF-DET)

### Scope

This Committee shall have primary responsibility for documents on protection of human life ~~and property~~ from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people in detention and correctional occupancies.

### Responsibility

Life Safety Code® (NFPA 101) Chapter 22

Life Safety Code® (NFPA 101) Chapter 23

## Educational and Day-Care Occupancies (SAF-END)

### Scope

This Committee shall have primary responsibility for documents on protection of human life ~~and property~~ from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people in educational occupancies and day-care occupancies.

### Responsibility

Life Safety Code® (NFPA 101) Chapter 14

Life Safety Code® (NFPA 101) Chapter 15

Life Safety Code® (NFPA 101) Chapter 16

Life Safety Code® (NFPA 101) Chapter 17

## Fire Protection Features (SAF-FIR)

### Scope

This Committee shall have primary responsibility for documents on construction, compartmentation, and special hazards including the performance of assemblies, openings, and penetrations, as related to the protection of life ~~and property~~ from fire and other circumstances capable of producing similar consequences, and to the nonemergency and emergency movement of people.

**Comment** – Special hazards are included in Section 8.7. The wording about “performance of assemblies, openings and penetrations” is not needed or grammatically correct. The addition of the last phrase is consistent with other committee scopes.

### Responsibility

Life Safety Code® (NFPA 101) Chapter 8

## Fundamentals of Safety to Life (SAF-FUN)

### Scope

This Committee shall have primary responsibility for documents on the basic goals, objectives, performance requirements, and definitions for protection of human life ~~and property~~ from fire, ~~earthquake, flood, wind,~~ and other circumstances capable of producing similar consequences, ~~and~~ on the nonemergency and emergency movement of people, and on high-rise buildings.

### Responsibility

Life Safety Code® (NFPA 101) Chapter 1  
Life Safety Code® (NFPA 101) Chapter 11.8  
Life Safety Code® (NFPA 101) Chapter 2  
Life Safety Code® (NFPA 101) Chapter 4  
Life Safety Code® (NFPA 101) Chapter 43  
Life Safety Code® (NFPA 101) Chapter 5  
Life Safety Code® (NFPA 101) Chapter 6  
Life Safety Code® (NFPA 101) Chapter C  
Life Safety Code® (NFPA 101) Chapter D

## Health Care Occupancies (SAF-HEA)

### Scope

This Committee shall have primary responsibility for documents on protection of human life ~~and property~~ from fire and other circumstances capable of producing similar consequences, and on the ~~nonemergency and~~ emergency movement of people in health care and ambulatory health care occupancies.

**Comment:** The committee requested adding ambulatory health care, which are assigned chapters for them.

### Responsibility

Life Safety Code® (NFPA 101) Chapter 18  
Life Safety Code® (NFPA 101) Chapter 19  
Life Safety Code® (NFPA 101) Chapter 20  
Life Safety Code® (NFPA 101) Chapter 21

## Industrial, Storage, and Miscellaneous Occupancies (SAF-IND)

### Scope

This Committee shall have primary responsibility for documents on protection of human life ~~and property~~ from fire and other circumstances capable of producing similar consequences, and on the ~~nonemergency and~~ emergency movement of people in industrial and storage occupancies, special structures, and ~~windowless and underground~~ limited-access buildings.

### Responsibility

Life Safety Code® (NFPA 101) Chapter 11

Life Safety Code® (NFPA 101) Chapter 40

Life Safety Code® (NFPA 101) Chapter 42

## Interior Finish and Contents (SAF-INT)

### Scope

This Committee shall have primary responsibility for documents on ~~limiting the impact of~~ interior finish, contents, furnishings, and combustible decorations ~~building contents as related to the~~ protection of human life ~~and property~~ from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people.

**Comment:** The existing wording about “limiting the impact of interior finish” is very awkward. Contents and combustible decoration are covered by this committee. “Building contents” was replaced with “contents” because outdoor furniture is within the scope of the chapter. “The phrase “as related to the protection” is in the scope of the Fire Protection Features committee.

### Responsibility

Life Safety Code® (NFPA 101) Chapter 10

## Means of Egress (SAF-MEA)

### Scope

This Committee shall have primary responsibility for documents on the general requirements for safe egress for protection of human life from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people.

### Responsibility

Life Safety Code® (NFPA 101) Annex B

Life Safety Code® (NFPA 101) Chapter 7

## Mercantile and Business Occupancies (SAF-MER)

### Scope

This Committee shall have primary responsibility for documents on protection of human life ~~and property~~ from fire and other circumstances capable of producing similar consequences, and for the nonemergency and emergency movement of people in mercantile and business occupancies.

### Responsibility

Life Safety Code® (NFPA 101) Chapter 36

Life Safety Code® (NFPA 101) Chapter 37

Life Safety Code® (NFPA 101) Chapter 38

Life Safety Code® (NFPA 101) Chapter 39

## Residential Occupancies (SAF-RES)

### Scope

This Committee shall have primary responsibility for documents on protection of human life ~~and property~~ from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people in hotels, dormitories, apartments, lodging ~~and or~~ rooming houses, and one- and two-family dwellings.

### Responsibility

Life Safety Code® (NFPA 101) Chapter 24

Life Safety Code® (NFPA 101) Chapter 26

Life Safety Code® (NFPA 101) Chapter 28

Life Safety Code® (NFPA 101) Chapter 29

Life Safety Code® (NFPA 101) Chapter 30

Life Safety Code® (NFPA 101) Chapter 31

## Committee Scope & Responsibility

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### **Building Code (BLD-AAC)**

#### **Scope**

This committee shall have primary responsibility for documents or portions of documents on the design and construction of every building or structure, including structural design methods and techniques, as well as the design of integrated building systems for health, safety, comfort, and convenience.

#### **Responsibility**

Building Construction and Safety Code® (NFPA 5000)

Building Construction and Safety Code® (NFPA 5000) Chapter 3

### **Assembly Occupancies (BLD-AXM)**

#### **Scope**

This Committee shall have primary responsibility for documents on protection of human life and property from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people in assembly occupancies, tents, and membrane structures.

#### **Responsibility**

Building Construction and Safety Code® (NFPA 5000) Chapter 16

### **Board and Care Facilities (BLD-BCF)**

#### **Scope**

This Committee shall have primary responsibility for documents on protection of human life and property from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people in residential board and care facilities.

#### **Responsibility**

Building Construction and Safety Code® (NFPA 5000) Chapter 26

## Building Construction (BLD-BLC)

### Scope

This committee shall have primary responsibility for documents on the selection and design of types of building construction, exterior walls, building height and area, firewalls, and fire barrier walls, as they relate to the protection of life and property from fire. For the processing of NFPA 5000, Chapter 7, and Sections 8.3 and 8.4, this committee reports directly to the NFPA 5000 Correlating Committee; whereas, for the processing of NFPA 220 and NFPA 221, this committee does not report to the NFPA 5000 Correlating Committee.

### Responsibility

Building Construction and Safety Code® (NFPA 5000) Annex D  
Building Construction and Safety Code® (NFPA 5000) Chapter 7  
Building Construction and Safety Code® (NFPA 5000) Chapter 8.3  
Building Construction and Safety Code® (NFPA 5000) Chapter 8.4  
Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls (NFPA 221)  
Standard on Types of Building Construction (NFPA 220)

## Building Service and Fire Protection Equipment (BLD-BSF)

### Scope

This Committee shall have primary responsibility for documents on building service, fire protection, and life safety equipment and systems ~~the application of fire protection systems including detection, alarm, and suppression, and the life safety impact of various building systems.~~ as they relate to protection of human life from fire and other circumstances capable of producing similar consequences, and to the nonemergency and emergency movement of people.

Comment: Building service, fire protection, and life safety equipment and systems are covered by this committee. The last phrase includes wording used on other committee scopes.

### Responsibility

Building Construction and Safety Code® (NFPA 5000) Chapter 55

## Building Systems(BLD-BSY)

### Scope

This Committee shall have primary responsibility for documents on the application of various building systems and features that relate to convenience, health, comfort, and access to a building.

### Responsibility

Building Construction and Safety Code® (NFPA 5000) Annex A  
Building Construction and Safety Code® (NFPA 5000) Annex B  
Building Construction and Safety Code® (NFPA 5000) Chapter 12  
Building Construction and Safety Code® (NFPA 5000) Chapter 49  
Building Construction and Safety Code® (NFPA 5000) Chapter 50  
Building Construction and Safety Code® (NFPA 5000) Chapter 51  
Building Construction and Safety Code® (NFPA 5000) Chapter 52  
Building Construction and Safety Code® (NFPA 5000) Chapter 53  
Building Construction and Safety Code® (NFPA 5000) Chapter 54  
Building Construction and Safety Code® (NFPA 5000) Chapter 56  
Building Energy Code (NFPA 900)

## Detention and Correctional Occupancies (BLD-DET)

### Scope

This Committee shall have primary responsibility for documents on protection of human life and property from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people in detention and correctional occupancies.

### Responsibility

Building Construction and Safety Code® (NFPA 5000) Chapter 21

## Educational and Day-Care Occupancies (BLD-END)

### Scope

This Committee shall have primary responsibility for documents on protection of human life and property from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people in educational occupancies and day-care occupancies.

### Responsibility

Building Construction and Safety Code® (NFPA 5000) Chapter 17

Building Construction and Safety Code® (NFPA 5000) Chapter 18

## Fire Protection Features (BLD-FIR)

### Scope

This Committee shall have primary responsibility for documents on construction, compartmentation, and special hazards ~~including the performance of assemblies, openings, and penetrations,~~ as related to the protection of life and property from fire and other circumstances capable of producing similar consequences, and to the nonemergency and emergency movement of people.

**Comment – Special hazards are included. The wording about “performance of assemblies, openings and penetrations” is not needed or grammatically correct. The addition of the last phrase is consistent with other committee scopes.**

### Responsibility

Building Construction and Safety Code® (NFPA 5000) Chapter 8

## Fundamentals of the Building Code (BLD-FUN)

### Scope

This Committee shall have primary responsibility for documents on the basic goals, objectives, performance requirements, and definitions for protection of human life and property from fire, ~~earthquake, flood, wind,~~ and other circumstances capable of producing similar consequences, on the nonemergency and emergency movement of people, and on high-rise buildings.

### Responsibility

Building Construction and Safety Code® (NFPA 5000) Annex G  
Building Construction and Safety Code® (NFPA 5000) Chapter 1  
Building Construction and Safety Code® (NFPA 5000) Chapter 13  
Building Construction and Safety Code® (NFPA 5000) Chapter 14  
Building Construction and Safety Code® (NFPA 5000) Chapter 15  
Building Construction and Safety Code® (NFPA 5000) Chapter 2  
Building Construction and Safety Code® (NFPA 5000) Chapter 33  
Building Construction and Safety Code® (NFPA 5000) Chapter 4  
Building Construction and Safety Code® (NFPA 5000) Chapter 5  
Building Construction and Safety Code® (NFPA 5000) Chapter 6

## Health Care Occupancies (BLD-HEA)

### Scope

This Committee shall have primary responsibility for documents on protection of human life and property from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people in health care and ambulatory health care occupancies.

### Responsibility

Building Construction and Safety Code® (NFPA 5000) Chapter 19  
Building Construction and Safety Code® (NFPA 5000) Chapter 20

## Industrial, Storage, and Miscellaneous Occupancies (BLD-IND)

### Scope

This Committee shall have primary responsibility for documents on protection of human life and property from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people in industrial and storage occupancies, special structures, and ~~windowless and underground~~limited-access buildings.

### Responsibility

Building Construction and Safety Code® (NFPA 5000) Chapter 29

Building Construction and Safety Code® (NFPA 5000) Chapter 30

Building Construction and Safety Code® (NFPA 5000) Chapter 31

Building Construction and Safety Code® (NFPA 5000) Chapter 34

## Interior Finish and Contents (BLD-INT)

### Scope

This Committee shall have primary responsibility for documents on ~~limiting the impact of~~ interior finish, contents, furnishings, and ~~building contents~~combustible decorations as related to the protection of human life and property from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people.

Comment: The existing wording about “limiting the impact of interior finish” is very awkward. Contents and combustible decoration are covered by this committee. “Building contents” was replaced with “contents” because outdoor furniture is within the scope of the chapter. “The phrase “as related to the protection” is in the scope of the Fire Protection Features committee.

### Responsibility

Building Construction and Safety Code® (NFPA 5000) Chapter 10

## Means of Egress (BLD-MEA)

### Scope

This committee shall have primary responsibility for documents on the general requirements for safe egress for protection of human life from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people.

### Responsibility

Building Construction and Safety Code® (NFPA 5000) Annex E

Building Construction and Safety Code® (NFPA 5000) Chapter 11

## Mercantile and Business Occupancies (BLD-MER)

### Scope

This committee shall have primary responsibility for documents on protection of human life and property from fire and other circumstances capable of producing similar consequences, and for the nonemergency and emergency movement of people in mercantile and business occupancies.

### Responsibility

Building Construction and Safety Code® (NFPA 5000) Chapter 27

Building Construction and Safety Code® (NFPA 5000) Chapter 28

## Residential Occupancies (BLD-RES)

### Scope

This committee shall have primary responsibility for documents on protection of human life and property from fire and other circumstances capable of producing similar consequences, and on the nonemergency and emergency movement of people in hotels, dormitories, apartments, lodging ~~and~~ or rooming houses, and one- and two-family dwellings.

### Responsibility

Building Construction and Safety Code® (NFPA 5000) Chapter 22

Building Construction and Safety Code® (NFPA 5000) Chapter 23

Building Construction and Safety Code® (NFPA 5000) Chapter 24

Building Construction and Safety Code® (NFPA 5000) Chapter 25

## **Structures, Construction, and Materials (BLD-SCM)**

### **Scope**

This committee shall have primary responsibility for documents on the protection of human life and property from fire and environmental loads through the selection and design of structural elements and assemblies; construction techniques and methodologies; and on the application of building materials used in the construction of buildings, structures, and related facilities.

### **Responsibility**

Building Construction and Safety Code® (NFPA 5000) Annex C  
Building Construction and Safety Code® (NFPA 5000) Annex F  
Building Construction and Safety Code® (NFPA 5000) Chapter 32  
Building Construction and Safety Code® (NFPA 5000) Chapter 35  
Building Construction and Safety Code® (NFPA 5000) Chapter 36  
Building Construction and Safety Code® (NFPA 5000) Chapter 37  
Building Construction and Safety Code® (NFPA 5000) Chapter 38  
Building Construction and Safety Code® (NFPA 5000) Chapter 39  
Building Construction and Safety Code® (NFPA 5000) Chapter 40  
Building Construction and Safety Code® (NFPA 5000) Chapter 41  
Building Construction and Safety Code® (NFPA 5000) Chapter 42  
Building Construction and Safety Code® (NFPA 5000) Chapter 43  
Building Construction and Safety Code® (NFPA 5000) Chapter 44  
Building Construction and Safety Code® (NFPA 5000) Chapter 45  
Building Construction and Safety Code® (NFPA 5000) Chapter 46  
Building Construction and Safety Code® (NFPA



## Public Input No. 106-NFPA 101-2024 [ Section No. 3.3.301 [Excluding any Sub-Sections] ]

A temporary structure, the covering of ~~which is~~ the top and at least one side is made of pliable material that achieves its support by mechanical means such as beams, columns, poles, or arches, or by rope or cables, or both. (SAF-IND).\_\_

### Additional Proposed Changes

| <u>File Name</u> | <u>Description</u> | <u>Approved</u> |
|------------------|--------------------|-----------------|
| canopy.png       | Canopy vs. Tent    |                 |

### Statement of Problem and Substantiation for Public Input

It is unclear where a structure become a tent? Is open all sides with free egress still a tent or is that a canopy?

### Submitter Information Verification

**Submitter Full Name:** Brian Codzandski

**Organization:** [ Not Specified ]

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**Zip:**

**Submittal Date:** Thu May 16 12:00:44 EDT 2024

**Committee:** SAF-IND

## Steel Frame Canopy - 10





## Public Input No. 241-NFPA 101-2024 [ Section No. 11.3.2.5 ]

### 11.3.2.5 Arrangement of Means of Egress.

(No modifications.)

The emergency power supply system to an airport traffic control tower exit enclosure pressurization system shall be Class 2, Type 60, Level 2, in accordance with NFPA 110, or Type 10, Class X, with a minimum duration of two hours in accordance with NFPA 111.

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### Statement of Problem and Substantiation for Public Input

Some smaller airport traffic control towers provide the emergency electrical power supply for exit enclosure (stairwell) pressurization fans using stored energy systems instead of a generator. The proposed change simply modifies the enclosure pressurization system power supply requirements to permit the use of stored energy electrical energy emergency power supply systems meeting the requirements of NFPA 111, Standard on Stored Electrical Energy Emergency and Standby Power Systems, in airport traffic control towers.

This proposed change is the product of the FAA Fire Protection Engineering Code Team.

### Submitter Information Verification

**Submitter Full Name:** Jeffrey Moore

**Organization:** Firemark Consulting LLC

**Affiliation:** FAA Fire Protection Engineering Code Team

**Street Address:**

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**Submittal Date:** Mon Jun 03 16:49:40 EDT 2024

**Committee:** SAF-IND



## Public Input No. 240-NFPA 101-2024 [ New Section after 11.3.4.9 ]

### **11.3.4.9.5**

All airport traffic control towers shall have a fire prevention plan containing the following minimum elements:

- (1) A list of major workplace fire hazards, including hazardous materials and potential sources of ignition**
- (2) Type of fire protection equipment and/or system(s) provided to control a fire involving the workplace fire hazards identified and personnel responsible for maintaining the equipment and/or system(s)**
- (3) Proper handling and storage procedures for hazardous materials**
- (4) Control procedures for potential sources of ignition**
- (5) Personnel responsible for the control of fuel source hazards.**
- (6) Housekeeping procedures to control the accumulation of flammable and combustible materials**

### **11.3.4.9.6**

Employees of airport traffic control towers shall be instructed at least annually in the fire prevention plan.

### **11.3.4.9.7**

The fire prevention plan shall be updated at least annually.

## Statement of Problem and Substantiation for Public Input

Fire safety in an airport traffic control tower (ATCT) is accomplished through close coordination between the design of the facility, construction methods, and procedures to minimize the presence of equipment, materials, and operations that could pose a hazard to personnel that must often delay evacuation until they can transfer control responsibilities to other air traffic control facilities. A critical part of this fire safety coordination is identifying and eliminating potentially hazardous materials and operations or controlling materials and operations that are impossible to eliminate. All personnel in the facility must be fully aware of the fire hazards present and appropriate means of mitigating the hazards. In coordination with the emergency action plan, a written fire prevention plan with the elements described above has proven an effective means of informing and training ATCT personnel in facility fire prevention procedures.

This proposed change is the product of the FAA Fire Protection Engineering Code Team.

## Submitter Information Verification

**Submitter Full Name:** Jeffrey Moore

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**Submittal Date:** Mon Jun 03 16:44:06 EDT 2024

**Committee:** SAF-IND

**Public Input No. 44-NFPA 101-2024 [ Section No. 11.7.3.1.2 ]****11.7.3.1.2 Multiple-Story Structures.**

Multiple-story structures shall comply with the following:

- (1) The story at the finished ground level shall comply with 11.7.3.1.1.
- (2) Other stories shall be provided with emergency access openings in accordance with 11.7.3.2 and all of the following:
  - (3)\* The openings are provided on a minimum of two sides of the story and are distributed on at least 50 percent of the perimeter of the story.
  - (4) The openings are spaced not  
  
more than
    - (a) less than 30 ft (9.1 m) apart.
    - (b) For other than approved existing installations, the distance between each  
  
end of the applicable building exterior walls and an emergency access opening does not exceed 15 ft (4.6 m) or the distance from an access opening on one wall, and the nearest access opening on an adjacent wall does not exceed 30 ft (9.1 m).
  - (a) emergency access door shall be located as remote as possible from each other,  
located on a street or stabilized path side of the building and be approved by the AHJ.

**Statement of Problem and Substantiation for Public Input**

I am unable to get the formatting correct...

The current language as written indicates the two emergency access doors be installed no more than 30 ft apart from each other. If for some reason, this area of the building becomes inaccessible or untenable due to fire or another emergency condition, both emergency access doors will be unusable. If there is a requirement for the access doors to be remote from each other but still on two sides of the building, this provides for better odds of at least one door being operational due to an emergency. Also, if these doors are needed for ventilation, having them further apart and pressurizing the floor would be most beneficial. Another addition is that the access doors be placed on the sides of the building having a roadway or stabilized earth. This is for an aerial apparatus to position as needed to access higher level floors in case a rescue or ventilation is needed.

**Submitter Information Verification**

**Submitter Full Name:** Tommy Demopoulos  
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**Street Address:**  
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**Submittal Date:** Fri Mar 22 15:51:20 EDT 2024  
**Committee:** SAF-IND



## Public Input No. 160-NFPA 101-2024 [ New Section after 11.11 ]

### Canopy Tents

1. Tents that are open on all sides shall be classified as canopy tents shall not require fire resistance testing provided the following conditions are met.
2. Each canopy tent is not larger than 120 square feet.
3. The aggregate area of canopy tents that may be placed side by side without a break is limited to 700 square feet.
4. The minimum distance from a canopy tent to another group of canopy tents or tent with sides shall be 12 feet.

### Additional Proposed Changes

| <u>File Name</u> | <u>Description</u> | <u>Approved</u> |
|------------------|--------------------|-----------------|
| .1717015936753   | canopy tent        |                 |

### Statement of Problem and Substantiation for Public Input

For tailgating and other special events there are often 10x10 canopy tents that are open on all sides that pose no issue for life safety egress. An incidental small number of canopy tents should be acceptable to the AHJ without flame certificate documentation and formal fire testing. In a football game parking lot it would reduce paperwork and create common sense requirements for this special occupancy.

### Related Public Inputs for This Document

| <u>Related Input</u>                                                  | <u>Relationship</u> |
|-----------------------------------------------------------------------|---------------------|
| <u>Public Input No. 133-NFPA 101-2024 [New Section after 11.11.1]</u> |                     |

### Submitter Information Verification

**Submitter Full Name:** Brian Codzanski  
**Organization:** [ Not Specified ]  
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**Submittal Date:** Wed May 29 16:33:56 EDT 2024  
**Committee:** SAF-IND



## Public Input No. 133-NFPA 101-2024 [ New Section after 11.11.1 ]

### Tents open on all sides.

11.11.1.4 Tents that are open on four sides incapable of side closure shall be considered canopy tents.

## Statement of Problem and Substantiation for Public Input

The 10x10 canopy tents found at tailgate activities have no concerns for egress from fire. Canopy tents should be well defined in additional section with less fabric restrictions similar to other model fire codes.

## Related Public Inputs for This Document

| <u>Related Input</u>                                                                         | <u>Relationship</u>   |
|----------------------------------------------------------------------------------------------|-----------------------|
| <u>Public Input No. 106-NFPA 101-2024 [Section No. 3.3.301 [Excluding any Sub-Sections]]</u> | definition of canopy. |
| <u>Public Input No. 160-NFPA 101-2024 [New Section after 11.11]</u>                          |                       |

## Submitter Information Verification

**Submitter Full Name:** Brian Codzanski

**Organization:** [ Not Specified ]

**Street Address:**

**City:**

**State:**

**Zip:**

**Submittal Date:** Fri May 24 13:30:14 EDT 2024

**Committee:** SAF-IND



## Public Input No. 135-NFPA 101-2024 [ New Section after 11.11.6.1 ]

### CO Detection

Fuel-fired heaters for tents shall be accompanied by a carbon monoxide alarm inside the tent.

### Statement of Problem and Substantiation for Public Input

There is always a risk of CO with fuel fired heaters nearby. This helps ensure there is an alarm to notify anyone inside the tent of the possible CO.

### Submitter Information Verification

**Submitter Full Name:** Brian Codzanski

**Organization:** [ Not Specified ]

**Street Address:**

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**Submittal Date:** Fri May 24 14:10:26 EDT 2024

**Committee:** SAF-IND



## Public Input No. 134-NFPA 101-2024 [ Section No. 11.11.6.1.2 ]

### 11.11.6.1.2

Fuel-fired heaters for tents shall be located external to the enclosure with hot air ducted into the enclosure and their installation shall be approved by the authority having jurisdiction.

## Statement of Problem and Substantiation for Public Input

There are many heating systems available that meet this criteria and remove the CO hazard for combustion inside the tent.

## Submitter Information Verification

**Submitter Full Name:** Brian Codzandski

**Organization:** [ Not Specified ]

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**Submittal Date:** Fri May 24 14:02:33 EDT 2024

**Committee:** SAF-IND



## Public Input No. 24-NFPA 101-2024 [ New Section after 40.2.2.2.1 ]

### 40.2.2.2.1.1

Panic hardware and fire exit hardware shall comply with Section 7.2.1.7.

### Statement of Problem and Substantiation for Public Input

The Code requires panic hardware and fire exit hardware devices to be used in Assembly, Educational, and Day-Care occupancies and in high-hazard locations. While 40.2.2.2.1 permits doors complying with Section 7.2.1 to be used, panic hardware and fire exit hardware aren't required to comply with the provisions and requirements of Section 7.2.1.7 since Industrial occupancies don't require their use. For example, 7.2.1.7 specifies the mounting heights of crossbars and push-pads of panic hardware and fire exit hardware, as well as the minimum length of the active crossbars and push-pads. 7.2.1.7.3 specifies the maximum force permitted to release the latches. And, 7.2.1.7.4 prohibits the installation of locks or other devices that prevent or otherwise impair the operation of panic hardware and fire exit hardware devices.

The proposed new section ensures the installation and operation of panic hardware and fire exit hardware devices are consistent throughout the Code.

### Submitter Information Verification

**Submitter Full Name:** Keith Pardoe

**Organization:** Pardoe Consulting LLC

**Affiliation:** The Safe Doors Save Lives Foundation, Inc.

**Street Address:**

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**Submittal Date:** Wed Jan 17 15:56:49 EST 2024

**Committee:** SAF-IND



## Public Input No. 309-NFPA 101-2024 [ New Section after 40.2.5.3.2 ]

### **40.2.5.4 Interlocked-Door Vestibule**

In other than high-hazard occupancies, an interlocked-door vestibule in accordance with 7.2.1.6.5 shall be permitted in the means of egress.

## Statement of Problem and Substantiation for Public Input

This proposal, along with complementary proposals in 7.2.1.6.5 and Chapters 18, 19, 20, 21, 36, 37, 38, 39, and 42 offer the opportunity for interlocked-door vestibules in these occupancies.

Interlocked-door vestibules are utilized for environmental contamination control (health care; manufacturing clean rooms), controlled substance dispensing (prescription drugs and cannabis), occupant protection (health care), security reasons (money handling rooms), and other uses and applications.

An occupant egressing through an interlocked-door vestibule would not be delayed at the second door in series if the first door in series is in a closed position. Conversely, if the first door is not closed, the second door would not be able to be opened. The proposed requirements for interlock override switches, for “fail-safe” interlocks in the event of power failure, and to deactivate the interlock upon activation of the sprinkler system or smoke detection system are all intended to ensure unencumbered egress when and if needed.

The proposed criteria for interlocked-door vestibules were developed during the development process for the 2024 edition of NFPA 101, and further revised reflecting subsequent discussion on this topic.

## Related Public Inputs for This Document

| <u>Related Input</u>                                                    | <u>Relationship</u> |
|-------------------------------------------------------------------------|---------------------|
| <u>Public Input No. 298-NFPA 101-2024 [New Section after 7.2.1.6.4]</u> |                     |

## Submitter Information Verification

**Submitter Full Name:** John Woestman  
**Organization:** Kellen Company  
**Affiliation:** Builders Hardware Manufacturers Association  
**Street Address:**  
**City:**  
**State:**  
**Zip:**  
**Submittal Date:** Mon Jun 03 21:57:06 EDT 2024  
**Committee:** SAF-IND



## Public Input No. 229-NFPA 101-2024 [ New Section after 40.3.4.3.4 ]

### 40.3.5 Carbon Monoxide Detection

40.3.5.1 Industrial occupancies shall be provided with carbon monoxide detection and warning equipment in accordance with Section 9.12 where any of the following conditions exist.

- (1) In buildings that contain a Fuel Burning Appliance, as defined in 3.3.128.
- (2) In buildings that contain or are supplied by a CO-producing forced-air furnace.
- (3) In buildings with attached enclosed parking structures as defined in 3.3.293.8.1.

40.3.5.2 Carbon monoxide detectors in accordance with Section 9.12 shall be provided in industrial occupancies in the locations specified as follows:

- (1) Carbon monoxide detectors shall be installed on the ceilings of rooms containing permanently installed fuel-burning appliances.
- (2) Carbon monoxide detectors shall be installed centrally located within occupiable spaces served by the first supply air register from a permanently installed, fuel-burning HVAC system.
- (3) Carbon monoxide detectors shall be installed centrally located within occupiable spaces adjacent to a communicating attached garage.

40.3.5.3 Carbon monoxide detectors as specified in 40.3.5.1 shall not be required in the following locations:

- (1) Garages
- (2) Occupiable spaces with communicating attached garages that are open parking structures as defined in 3.3.293.8.2
- (3) Occupiable spaces with communicating attached garages that are mechanically ventilated in accordance with the applicable mechanical code
- (4) Occupiable spaces that are separated from attached garages by walls constructed of gypsum panels where the garage is an open parking structure as defined in 3.3.293.8.2
- (5) Occupiable spaces that are separated from attached garages by walls constructed of gypsum panels where the garage is mechanically ventilated in accordance with the mechanical code.
- (6) In industrial occupancies that are not normally occupied.

40.3.5.4 Previously approved occupancies.

40.3.5.4.1 Carbon monoxide alarms are permitted to be solely battery operated where the code that was in effect at the time of construction did not require carbon monoxide detectors to be provided.

40.3.5.4.2 A carbon monoxide detection system in accordance with Section 9.12 shall be an acceptable alternative to carbon monoxide alarms.

40.3.5.4 Where carbon monoxide detectors are installed in accordance with 40.3.5.1, the alarm signal shall be automatically transmitted to an approved on-site location or to an off-premises location in accordance with NFPA 72.

## Statement of Problem and Substantiation for Public Input

The carbon monoxide (CO) problem is well known and documented. It is a danger to humans as a toxic and flammable gas. More than 14,000 people are hospitalized in the United States with unintentional non-fire related CO poisoning each year. And more than 400 of them die (Center for Disease Control, 2022). Deaths are slowly increasing annually, not decreasing. (NFPA, 2024) Industrial occupancies require detection because we collectively acknowledge the problem while considering cost and difficulty. The submitter recognizes the cost and complexity of deploying detection retroactively. Allowing for standalone hardwired or battery power CO alarms allows a quick, cost-effective method to achieve greater protection in the occupancy type that contain the largest gatherings of occupants. The owners/operators of existing assembly occupancies can deploy this themselves should they choose to. One can suggest that older equipment is more susceptible to malfunctions than new equipment and thus there is a bigger impetus in existing than new to have alarms or detectors present.

Even NFPA (NFPA, 2024) acknowledges the size of the problem. In 2016 fire departments responded to an estimated 79,600 CO incidents, which averages to nine per hour each day. That does not include malfunctioning and unintentional CO alarm calls. Given that new occupancies had CO detection added as a requirement in 2024 and with so many responses by fire departments, this is indicative of a life safety problem that needs to be addressed without unduly burdening the end user. With increased alarms and detection in existing occupancies, more dangerous levels of CO will be found, and more existing assembly occupancies will be safer.

## Submitter Information Verification

**Submitter Full Name:** Richard Roberts

**Organization:** Honeywell Fire Safety

**Affiliation:** National Carbon Monoxide Awareness Association (NCOAA) and an industry working group.

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**Submittal Date:** Mon Jun 03 14:41:25 EDT 2024

**Committee:** SAF-IND



## Public Input No. 25-NFPA 101-2024 [ New Section after 42.2.2.2.1 ]

### 42.2.2.2.1.1

Panic hardware and fire exit hardware shall comply with Section 7.2.1.7.

### Statement of Problem and Substantiation for Public Input

The Code requires panic hardware and fire exit hardware devices to be used in Assembly, Educational, and Day-Care occupancies and in high-hazard locations. While 42.2.2.2.1 permits doors complying with Section 7.2.1 to be used, panic hardware and fire exit hardware aren't required to comply with the provisions and requirements of Section 7.2.1.7 since Storage occupancies don't require their use. For example, 7.2.1.7 specifies the mounting heights of crossbars and push-pads of panic hardware and fire exit hardware, as well as the minimum length of the active crossbars and push-pads. 7.2.1.7.3 specifies the maximum force permitted to release the latches. And, 7.2.1.7.4 prohibits the installation of locks or other devices that prevent or otherwise impair the operation of panic hardware and fire exit hardware devices.

The proposed new section ensures the installation and operation of panic hardware and fire exit hardware devices are consistent throughout the Code.

### Submitter Information Verification

**Submitter Full Name:** Keith Pardoe

**Organization:** Pardoe Consulting LLC

**Affiliation:** The Safe Doors Save Lives Foundation, Inc.

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**Submittal Date:** Wed Jan 17 16:01:09 EST 2024

**Committee:** SAF-IND



## Public Input No. 310-NFPA 101-2024 [ New Section after 42.2.5 ]

### 42.2.5.1 Interlocked-Door Vestibule

An interlocked-door vestibule in accordance with 7.2.1.6.5 shall be permitted in the means of egress.

## Statement of Problem and Substantiation for Public Input

This proposal, along with complementary proposals in 7.2.1.6.5 and Chapters 18, 19, 20, 21, 36, 37, 38, 39, and 40, offer the opportunity for interlocked-door vestibules in these occupancies.

Interlocked-door vestibules are utilized for environmental contamination control (health care; manufacturing clean rooms), controlled substance dispensing (prescription drugs and cannabis), occupant protection (health care), security reasons (money handling rooms), and other uses and applications.

An occupant egressing through an interlocked-door vestibule would not be delayed at the second door in series if the first door in series is in a closed position. Conversely, if the first door is not closed, the second door would not be able to be opened. The proposed requirements for interlock override switches, for “fail-safe” interlocks in the event of power failure, and to deactivate the interlock upon activation of the sprinkler system or smoke detection system are all intended to ensure unencumbered egress when and if needed.

The proposed criteria for interlocked-door vestibules were developed during the development process for the 2024 edition of NFPA 101, and further revised reflecting subsequent discussion on this topic.

## Related Public Inputs for This Document

| <u>Related Input</u>                                                             | <u>Relationship</u> |
|----------------------------------------------------------------------------------|---------------------|
| <a href="#">Public Input No. 298-NFPA 101-2024 [New Section after 7.2.1.6.4]</a> |                     |

## Submitter Information Verification

**Submitter Full Name:** John Woestman  
**Organization:** Kellen Company  
**Affiliation:** Builders Hardware Manufacturers Association  
**Street Address:**  
**City:**  
**State:**  
**Zip:**  
**Submission Date:** Mon Jun 03 21:58:47 EDT 2024  
**Committee:** SAF-IND



## Public Input No. 340-NFPA 101-2024 [ New Section after 42.3.5 ]

### 42.3.5.1 Approved Storage Plan

42.3.5.1.1 An approved storage floor plan that documents the permissible use of the storage area, based on the occupancy classification and the design basis of the automatic sprinkler system, shall be provided and mounted in an approved location.

#### A.42.3.5.1.1

The plan should be of sufficient size to be legible. Typical content to be included on the floor plan might include, but not be limited to, the following:

- (1) Locations, dimensions, and height limits of piled, palletized, and rack storage
- (2) Commodity classification permitted to be stored in each area
- (3) Required clearances between top of storage and sprinkler deflectors
- (4) Required clearances between top of storage and ceiling
- (5) Aisle dimensions between storage arrays
- (6) Location of any required fire department access doors
- (7) Location of valves controlling ceiling and in-rack sprinkler water supplies

## Statement of Problem and Substantiation for Public Input

An approved storage plan is already required by the 2021 NFPA 1 Fire Code and the 2018 International Fire Code (referenced to by the International Building Code). This change is needed in the Life Safety Code to improve the effectiveness and reliability of fire sprinkler systems for storage occupancies without jurisdiction or adoption of a fire code.

This is new text in the LSC with the language extracted from the NFPA 1 Fire Code, Section 34.1.3 and A.34.1.3. The TC could extract from NFPA 1 for correlation or draft its own language.

## Submitter Information Verification

**Submitter Full Name:** Jeffrey Hugo

**Organization:** National Fire Sprinkler Association (NFSA)

**Affiliation:** National Fire Sprinkler Association (NFSA)

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**Submission Date:** Tue Jun 04 08:25:52 EDT 2024

**Committee:** SAF-IND



## Public Input No. 36-NFPA 101-2024 [ Section No. 42.8.3.2 ]

### 42.8.3.2 Protection from Hazards.

(No requirements.) Electric Vehicle Charging shall be prohibited within Open Parking structures.

## Statement of Problem and Substantiation for Public Input

lithium-ion batteries are more likely to fail during charging due to thermal runaway if the battery has any damage. These fires are devastating to the parking structure and safety requirements are still being developed to keep these fires from occurring. Until there is a proven safety record with the charging of EVs, we should prohibit them from being charged within structures that could lead to massive hazards and loss of life. The increase potential of fires from EVs combined with the impact of modern vehicle fires needs to be studied more before we allow unlimited installations to occur. See <https://www.nfpa.org/news-blogs-and-articles/blogs/2022/11/28/evs-and-parking-structures> for additional resources.

## Submitter Information Verification

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**Organization:** ASHE - AHA

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**City:**

**State:**

**Zip:**

**Submittal Date:** Sun Mar 10 17:38:19 EDT 2024

**Committee:** SAF-IND