MINUTES

NFPA Technical Committee on Premises Security (PIM-AAA)
NFPA 730/731 Second Draft Meeting (F2025)

May 14, 2025, Web/Teleconference
10:00 am – 12:45 (EDT)

Web/Teleconference

1. **Call to order.** Bill Wayman, chair, called the meeting to order at 10:02 on May 14, 2025.
2. **Introductions.** Attendees introduced themselves and identified their affiliation. NFPA staff took attendance.
3. **Chair report.** Bill Wayman welcomed attendees and provided an overview of the meeting.
4. **Staff liaison report.** Patrick Bakaj provided an overview of the standards development process and the revision cycle schedule.
   a. No members declared that they had been retained to represent the interest of an entity that would be classified in an interest category different from their own with respect to a specific issue or issues that were addressed by the committee.
5. **Previous meeting minutes.** The minutes from May 34, 2024, Web/Teleconference were approved with the following revisions: The Applicable Standards Task Group was to review NFPA 731 not 730 as indicated in the minutes.
6. **NFPA 731 Second Draft.**
   a. **Review of Public Comments and Committee Inputs.** The Technical Committee reviewed the Public Comments and Committee Inputs and developed Second Revisions as necessary. These will be available in the Second Draft Report at www.nfpa.org/731.
   b. **Task group report(s).** The following task groups provided their reports and recommendations.
      i. **Applicable Standards Task Group**. Bruce Johnson. The task group provided a report, revisions were made. The task group has been discharged with thanks. See report attached.
      ii. **Cybersecurity Task Group**. Maria Marks. The task group provided a report, revisions were made. The task group has been discharged with thanks. The task group submitted public comments.

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iii. **Biometrics, A.I., and Data Privacy Task Group**. Shane Clary. The task group provided a verbal report, no revisions were made. The task group has been discharged with thanks.

7. **NFPA 730 Second Draft.**

   a. **Task group report(s).** The following task groups provided their reports and recommendations.

      i. **Iris Verification**. David Church. The task group provided a verbal report, no revisions were made. The task group has been discharged with thanks.

8. **Other Business.**

   a. **Biometrics and A.I Task Group**. TG Chair: Shane Clary. Members: Jim Simpson, Maria Marks, David Church, Lauris Freidenfelds, Louis Chavez. Review NFPA 730 and NFPA 731 for gaps related to biometrics and A.I. related to current technology. Provide recommendations for the next revision cycle.

   b. **Right To Repair Task Group**. TG Chair: John Schertel. Members: Maria Marks, Shane Clary, George Bish, Matt Jakusz, Peter Goldring. Review NFPA 730 and NFPA 731to address the use of repaired, refurbished, or reconditioned equipment in premises security systems. Provide recommendations for the next revision cycle.

9. **Future meetings.** This was the final meeting of this committee for the revision cycle. Public Inputs for the next edition are expected to close January 2027. A meeting notification will be posted at www.nfpa.org/730next or www.nfpa.org/731next when the next meeting is scheduled.

10. **Adjournment.** The meeting was adjourned at 12:45 pm on May 14, 2025.

Attendees

Committee Members:

X	**Wayman, William**	Chair	Jensen Hughes
	Atlas, Randall	Principal	Atlas Safety & Security Design, Inc.
X	**Bassett, Douglas**	Principal	Electronic Security Association
X	**Bish, George**	Principal	Amazon/Ring Protect Inc.
	Chavez, Louis	Principal	UL Solutions
X	**Church, David**	Principal	kW Mission Critical Engineering
X	**Coppola, Stephen**	Principal	The Monitoring Association
X	**Dagenais, David**	Principal	NFPA Health Care Section
X	**Freidenfelds, Lauris**	Principal	Telgian Corporation
X	**Goldring, Peter**	Principal	Goldring Protection
X	**Jakusz, Matthew**	Principal	ADT LLC

	King, Charles	Principal	US Department of Homeland Security
X	**Lord, Scott**	Principal	Partner Alliance for Safer Schools
X	**Marks, Maria**	Principal	Siemens
	Mucci, Anthony	Principal	Johnson Controls
	Muraleedhara, Prathibha	Principal	Stanley Black & Decker
X	**Murphy, James**	Principal	Vector Security Inc.
	Roberts, Richard	Principal	National Electrical Manufacturers
X	**Simpson, James**	Principal	International Brotherhood of Electrical
X	**Stagg, Robert**	Principal	Self Employed
	Wenck, James	Principal	GHD
X	**Roeper, Kurt**	Voting Alternate	Builders Hardware Manufacturers
X	**Clary, Shane**	Alternate	The Monitoring Association
X	**Dressler, David**	Alternate	International Brotherhood of Electrical
X	**Farus, Mark**	Alternate	Siemens Industry, Inc.
X	**Johnson, Bruce**	Alternate	UL Solutions
X	**Leaton, Cass**	Alternate	Jensen Hughes
	Quick, Douglas	Alternate	Johnson Controls
X	**Schertel, John**	Alternate	National Electrical Manufacturers
X	**Bakaj, Patrick**	Staff Liaison	National Fire Protection Association

Total number in attendance: 22

A. 6.1.1 Equipment A critical part of an access or egress control system is the lock hardware that holds a door closed and opens or releases when initiated. Like many components of an integrated system, the locking mechanism can have various forms and functionalities, depending on the particular applications.

The NFPA 101 Life Safety Code includes requirements for a means of egress system to be provided that includes a continuous and unobstructed path of egress travel from any occupied point in a building, structure or facility to a public way. However, there are specific situations in which these model codes allow access control equipment that limit the immediate and unobstructed egress travel under strict provisions.

The factors that must also be considered for installation and in accordance with applicable fire and life safety codes include:

- Integration with fire detection and suppression or other life safety systems that release locked doors upon their activation, allowing immediate emergency egress
- Fail safe features to release locks in the event of a loss of power
- Fail secure features that intentionally maintain locked positions
- Emergency planning and preparedness with staff training and required drills
- Limitations on the delay time for delayed-egress doors
- Special signage requirements
- Security and resistance to unauthorized entry may also be considerations

Locks and locking systems can be tested for compliance with different end product standards. Each end product standard defines the scope of the application and includes construction and test compliance criteria for evaluation and certification.

Typical end uses for the locks and locking systems include integration into access control systems, fire rated door assemblies, special locking arrangements, panic hardware, controlled exit panic devices and burglary resistant electric locks. Locks and locking systems used in these applications can take different forms depending on the design of a product or system. Some of these devices are purely mechanical and others may include electronics to control or provide delayed release or audible alarm functions. Certified locks are investigated for safety from electric shock and mechanical hazards and depending on the product type may also be tested for burglary resistance and/or fire resistance.

An end user or AHJ can see various configurations of equipment incorporated into a system and the equipment may have different forms to suit a specific application. A very common scenario is the use of UL 294 certified access control systems units controlling locks certified to UL 1034.

Other prevalent applications include special locking arrangements that have dedicated system component equipment and certified locks connected to control a request to exit (REX) system. For this application, the REX system certification is specific to the system components submitted for investigation.

Task Group Report – Second Draft Meeting

Legislative format for Public Comment/Second Revision

The various permutations of locking hardware and systems applications (see table) allows for the use of the devices in accordance with model building and life safety codes, with the common element of safety by design.

The table below summarizes the applicable standards for various locking devices and systems that are typically used on means of egress or controlled access areas.

Category Title	**UL Standard**	**Associated BHMA Standards**	**Helpful Notes**
Access Control System Units	UL 294, Access Control System Units	ANSI/BHMA A156.2 Bored Locks & Latches ANSI/BHMA A156.3 Exit Devices ANSI/BHMA A156.13 Mortise Locks ANSI/BHMA A156.35 Power Supplies ANSI/BHMA A156.37 MultiPoint Locks	8TH Edition, Sec. 35.2 applies to Single point lock
Special Locking Arrangements	UL 294, Access Control System Units	ANSI/BHMA A156.24 Delayed Egress Locking Systems ANSI/BHMA A156.35 Power Supplies	8th Edition, UL 294, Sec. 69 applies to Controlled and Delayed Egress Equipment and Systems Operation
Burglary Resistant Electric Locking Mechanisms	UL 1034, Burglary-Resistant Electric Locking Mechanisms	ANSI/BHMA A156.23 Electromagnetic Locks ANSI/BHMA A156.25 Electrified Locking Devices ANSI/BHMA A156.31 Electric Strikes	Performance based for static force, dynamic force, and endurance test factors Burglary resistant (BR) electromagnetic locks, BR Electric Dead bolts, BR Electric Door Strikes, BR Electrically operated door locking mechanisms,
Panic or Fire Exit Hardware	UL 305, Panic Hardware	ANSI/BHMA A156.3 Exit Devices	Generally mechanical devices only (no electronics)

			Panic Hardware, Fire Exit Hardware
Controlled Exit Panic Devices	UL 294 and UL 305	ANSI/BHMA A156.3 Exit Devices ANSI/BHMA A156.35 Power Supplies	UL 294 (8th Edition), Section 69.2, and UL 305 apply Electromechanical locking/latching mechanisms Panic & Fire Exit Devices
Connectors and Switches for use in Burglar Alarm Systems	UL 634, Connectors and Switched	ANSI/BHMA A156.1 Butts and Hinges ANSI/BHMA A156.26 Continuous Hinges	Includes Electric Power Transfers, Door Loops, and Door Position Switches Electric Hinge and flexible connectors intended for burglar alarm systems
Positive Pressure Fire Test of Door Assemblies	UL 10C, Positive Pressure Fire Tests of Door Assemblies	All Builders Hardware items which are required to be listed are subject to the requirements of UL 10C	Also, UL 305 for GXHX; Card readers and components for use with locks sold separately listed under GWVW Electric Cylindrical Locks and Mortise Locks (Electrically Controlled Single-Point Locks or Latches), GYQS, Electromagnetic locks (GWXT), Fire Exit Hardware (GXHX), Electrified Hinge (GWZQ), Electric strikes (GXAY); Miscellaneous Fire Door Accessories, Positive Pressure Tested (GVUY), Accessories for use with Single-point locks and latches and fire exit hardware (GWVW)
Power Supplies	Various end product standards such as UL 294, UL 2610, UL 864, etc.	ANSI/BHMA A156.35 Power Supplies	