



Public Input No. 44-NFPA 101-2018 [Sections 14.3.4.2, 14.3.4.3]

Sections 14.3.4.2, 14.3.4.3

14.3.4.2 Initiation.

14.3.4.2.1 General.

Initiation of the required fire alarm system, other than as permitted by 14.3.4.2.3, shall be by manual means in accordance with 9.6.2.1(1).

14.3.4.2.2 Automatic Initiation.

In buildings provided with automatic sprinkler protection, the operation of the sprinkler system shall automatically activate the fire alarm system in addition to the initiation means required in 14.3.4.2.1.

14.3.4.2.3 Alternative Protection System.

~~Manual fire alarm boxes shall be permitted to be eliminated in accordance with 14.3.4.2.3.1 or 14.3.4.2.3.2.~~

14.3.4.2.3.1

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Manual fire alarm boxes shall be ~~permitted to be~~ eliminated where all of the following conditions apply:

- (1) Interior corridors are protected by smoke detectors in accordance with Section 9.6.
- (2) Auditoriums, cafeterias, and gymnasiums are protected by heat-detection devices or other approved detection devices.
- (3) Shops and laboratories involving dusts or vapors are protected by heat-detection devices or other approved detection devices.
- (4) Provision is made at a central point to manually activate the evacuation signal or to evacuate only affected areas.

14.3.4.2.3.2*

Manual fire alarm boxes shall be ~~permitted to be~~ eliminated where both of the following conditions apply:

- (1) The building is protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7.
- (2) Provision is made at a central point to manually activate the evacuation signal or to evacuate only affected areas.

14.3.4.3 Notification.

14.3.4.3.1 Occupant Notification.

14.3.4.3.1.1

Occupant notification shall be accomplished automatically in accordance with 9.6.3.

14.3.4.3.1.2

The occupant notification required by 14.3.4.3.1.1 shall utilize an emergency voice/alarm communication system in accordance with 9.6.3 where the building has an occupant load of more than 100.

14.3.4.3.1.3

Positive alarm sequence shall be ~~permitted~~ required in accordance with 9.6.3.4.

14.3.4.3.1.4

In accordance with 9.6.3.10.2 the emergency voice/alarm communication system shall be permitted to be used for other emergency signaling or for class changes.

14.3.4.3.1.5

To prevent students from being returned to a building that is burning, the recall signal shall be separate and distinct from any other signals, and such signal shall be permitted to be given by use of distinctively colored flags or banners.

14.3.4.3.1.6

If the recall signal required by 14.3.4.3.1.5 is electric, the push buttons or other controls shall be kept under lock, the key for which shall be in the possession of the principal or another designated person in order to prevent a recall at a time when there is an actual fire.

14.3.4.3.1.7

Regardless of the method of recall signal, the means of giving the recall signal shall be kept under lock.

14.3.4.3.2 Emergency Forces Notification.

Emergency forces notification shall be accomplished in accordance with 9.6.4.

Statement of Problem and Substantiation for Public Input

Recent mass shooting incidents have shown that fire alarm systems in educational occupancies are prone to being utilized as a tool by an active shooter(s) to create an environment that they can control to create maximum confusion and damage. This PI attempts to address those risk factors by mandating removal of pull stations and mandating Positive Alarm Sequence. Both of these changes would go a long way to ensuring that fire alarm systems are not utilized as a tool in attempted mass shootings of educational occupancies.

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