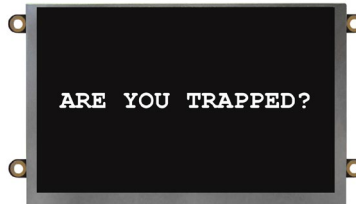


**WHAT ARE THE NEW CHANGES TO THE
ASME A17.1-2019 CODE FOR EMERGENCY COMMUNICATIONS
2.27.1.1**



ASME A17.1-2019 CODE FOR EMERGENCY COMMUNICATIONS 2.27.1.1

The wording “two way communication” has been mostly replaced with “communications.”
Except at the very beginning of 2.27.1.1

2.27.1.1.3(c)

A visual indication is no longer accepted to acknowledge that communications are established. It has to be a message that is displayed and activated by authorized personnel. It can be extinguished where necessary to display a new message or when communications are terminated.

2.27.1.1.3(k)

A means to display video to observe passengers at any location on the car floor, to authorized personnel for entrapment assessment, shall be provided.

2.27.1.1.4

Where the elevator rise is 60ft or more, a communication means within the building accessible to emergency personnel shall be provided and shall comply with the following requirements.

- (a) The means shall enable emergency personnel within the building to establish communications to each car individually. The communications shall be established without any intentional delay and shall not require intervention by a person within the car. The means shall override voice communications to outside of the building.
- (b) The communications, once established, shall be disconnected only when emergency personnel terminate the call or a timed termination occurs. A timed termination by the communications means in the elevator, with the ability to extend the call by emergency personnel, is permitted if voice notification is sent by the communications means to

(cont.) emergency personnel a minimum of 3 min after communication has been established. Upon notification, emergency personnel shall have the ability to extend the call; Automatic disconnection shall be permitted if the means to extend are not enacted within 20 s of the voice notification.

- (c)* Once the communications have been established, a message shall be displayed on the same panel as the phone push button, that is activated by emergency personnel to indicate that help is on-site. The message shall be permitted to be extinguished where necessary to display a new message [see *(e)*] or when the communications are terminated.
- (d)* Operating instructions shall be incorporated with or adjacent to the communications means outside the car. Instructions shall conform to 2.27.7.3.
- (e)* On the same panel as the phone push button, messages shall be displayed that permit emergency personnel to communicate with and obtain responses from a trapped passenger, including a passenger who cannot verbally communicate or hear.
- (f)* A means to display video to observe passengers at any location on the car floor, to emergency personnel for entrapment assessment, shall be provided.

2.27.1.1.5

If the communications means is connected to the normal building power, it shall automatically transfer to an auxiliary power supply as required by the applicable building code or, where applicable, NFPA 99, after the normal building power fails. This power source(s) shall be capable of providing for the means of communications (see 2.27.1.1.3 and 2.27.1.1.4) for at least 4 h and the audible signaling device (see 2.27.1.2) for at least 1 h.

Lindsay Meeks

Lindsay Meeks
Senior Territory Representative
CET# 13-000061
LMeeks@DelawareElevator.com
410-749-3489 x 1219