

NFPA 72®-2019 Edition

National Fire Alarm and Signaling Code®

TIA Log No.: 1410

Reference: 2.3.2, I.1.2.2 and various others

Comment Closing Date: January 2, 2019

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www.nfpa.org/72

1. *Revise 2.3.2 to read as follows:*

2.3.2 ASME Publications. American Society of Mechanical Engineers, Two Park Avenue, New York, NY 10016-5990.

~~ASME A17.1/CSA B44-13~~, ASME A17.1-2016/CSA B44-16, *Safety Code for Elevators and Escalators*, 2016.

2. *Revise I.1.2.2 to read as follows:*

I.1.2.2 ASME Publications. American Society of Mechanical Engineers, Two Park Avenue, New York, NY 10016-5990.

~~ANSI/ASME A17.1/CSA B44~~, ASME A17.1-2016/CSA B44-16, *Safety Code for Elevators and Escalators*, 2016.

3. *In paragraphs 21.3.6, 21.3.8, 21.3.14, 21.4.1, 21.6.2, A.17.5.3.1, A.21.3, A.21.3.7, A.21.3.10, A.21.3.14.1, A.21.3.14.2, A.21.3.14.2(3), A.21.6.2.1.1, A.23.3.3.1, and A.24.10, revise the following reference to read as follows:*

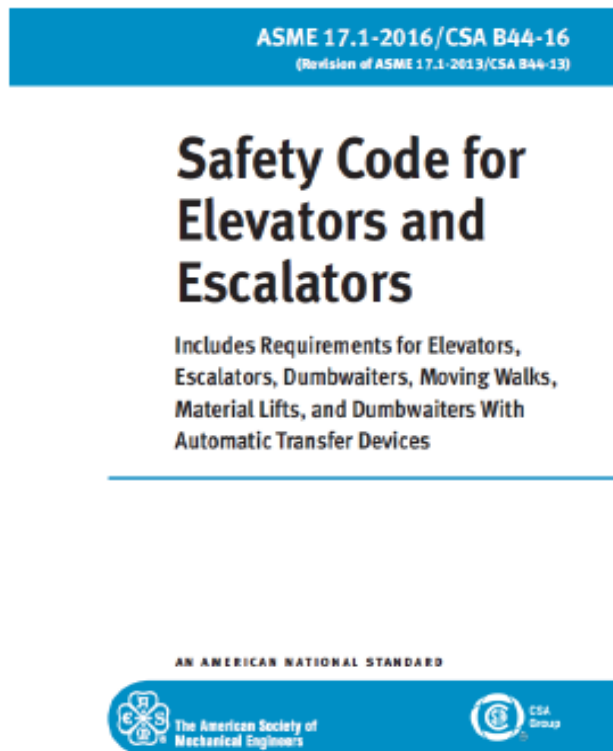
~~ANSI/ASME A17.1/CSA B44~~, *Safety Code for Elevators and Escalators*

Substantiation:

1. There are significant code changes between the 2013 and 2016 Editions of the ASME A17.1/CSA B44 (A17.1 Code). When all NFPA 72 Technical Committees having associated references to the A17.1 Code decided to reference the 2016 edition of the A17.1 Code as the applicable reference standard this required complete compliance with ALL the requirements in the 2016 edition of the A17.1 Code which supersede the requirements in the 2013 Code.
2. Since NFPA 72-2019 includes many requirements for Fire Alarm systems (Building FA systems and Dedicated Function FA systems) interface with Elevator systems it is imperative that the Designers, Installers, Enforcers and any other NFPA 72-2019 users use the accurate and specific A17.1-2016 requirements as the basis for their design, installation, maintenance and enforcement work. If the wrong reference of the A17.1 Code is used, this may cause many issues with the design, installation, maintenance and enforcement of Fire Alarm systems.
3. NFPA 72-2019 includes many significant changes in sections 21.3, 21.5 and 21.6 regarding the interface of Fire Alarm systems with Elevator systems, Fire Service Access Elevators and Occupant Evacuation Operation – If the wrong edition of the A17.1 Code is used (2013 Edition instead of the 2016 Edition) – this will cause significant problems with all aspects of the FA-Elevator interface issue.
4. The SIG-PRO TC based all their work in the NFPA 72-2019 edition on the 2016 Edition of the A17.1 Code. Therefore, it is extremely important for NFPA 72-2019 users to not use any other reference A17.1 Edition other than the 2016 Edition. This will conflict with all the work done by the SIG-PRO TC.

Mr. David McColl – Chair of the A17.1 Emergency Operation Committee states that the Correct Reference in NFPA 72-2019 Sections 2.3.2 and I.1.2.2 should be: ASME A17.1-2016/CSA B44-

16, *Safety Code for Elevators and Escalators*; and references a screenshot of the current 2016 cover page below.



The rationale for deleting the ANSI reference in ALL the following sections: 21.3.6 , 21.3.8 , 21.3.14, 21.4.1, 21.6.2, A.17.5.3.1, A.21.3, A.21.3.7, A.21.3.10, A.21.3.14.1, A.21.3.14.2, A.21.3.14.2(3), A.21.6.2.1.1, A.23.3.3.1, A.24.10, is to comply with NFPA Manual of Style and to be consistent with the proposed revisions for sections 2.3.2 and I.1.2.2.

Emergency Nature: The standard contains an error or an omission that was overlooked during the regular revision process. The NFPA Standard contains a conflict within the NFPA Standards or within another NFPA Standard. The proposed TIA intends to correct a circumstance in which the revised NFPA Standard has resulted in an adverse impact on a product or method that was inadvertently overlooked in the total revision process or was without adequate technical (safety) justification of the action.

The Emergency Nature of this TIA is based on the current Sections in NFPA 72-1019: 2.3.2 and I.1.2.2 which are inconsistent between themselves and create immediate confusion for designers, installers, enforcers and other NFPA 72 users who are designing, installing and inspecting Elevators provided with Firefighters Emergency Operation (FEO) and with Occupant Evacuation Operation (OEO). Since NFPA 72-2019 includes specific NEW code Language in Sections 21.3 and 21.6 which is specifically based on the 2016 Edition of ASME A17.1-2016, this inconsistency and confusion must be revised immediately to prevent immediate problems with the design, installation and enforcement of Fire Alarm Systems having interface with Elevator Systems.

Anyone may submit a comment by the closing date indicated above. Please identify the TIA number and forward to the Secretary, Standards Council. [SUBMIT A COMMENT](#)