



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

JB Pritzker, Governor
Matt Perez, State Fire Marshal

TO: All Illinois Licensed Contractors, Inspectors and Municipalities with Agreements
RE: Adoption of Nationally recognized Safety Codes

The Illinois Elevator Safety Rules have recently been updated and become State law on May 25, 2021. Accordingly, the Office of the State Fire Marshal ("OSFM") provides the following explanation of the major changes to the Rules, especially as they pertain to new and existing conveyances:

Conveyances for which a *building permit* is issued after the amended Rules' effective date of May 25, 2021 (building permit for new construction or a permit issued for the repair/modification of an existing conveyance) must be designed, constructed, installed, operated, inspected, tested, maintained, altered and repaired in accordance with the following standards and recommended practices:

- 1) American Society of Mechanical Engineers (ASME)
Three Park Avenue
New York NY 10016-5990
 - A) Safety Code for Elevators and Escalators (**ASME-A17.1/CSA B44-2019**) and Performance-Based Safety Code for Elevators and Escalators (ASME A17.7-2012/CSA B44.7-07);
 - B) Safety Code for Existing Elevators and Escalators (ASME A17.3-2005), but only as required under Section 35(h) and (i) of the Act and subsection (d) of this Section;
 - C) Safety Standard for Platform Lifts and Stairway Chairlifts (**ASME A18.1-2017**);
 - D) Standard for the Qualification of Elevator Inspectors (**ASME QEI-1-2018**).
- 2) American Society of Civil Engineers (ASCE)
1801 Alexander Bell Drive
Reston VA 20191-4400

Automated People Mover Standards (**ANSI/ASCE/T&DI 21-13**).

 - b) All the materials incorporated by reference in this Section are incorporated as of the date specified and include no later editions or amendments.
 - c) *The Board shall adopt, or amend and adopt, the latest editions of the standards referenced in this Section within 12 months after the effective date of the standards.* [225 ILCS 312/35(a)]
 - d) Upgrade Requirements for Existing Conveyances

- 1) *Notwithstanding anything else in this Part, the following upgrade requirements of the 2007 edition of the Safety Code for Elevators and Escalators (ASME A17.1) and the 2005 edition of the Safety Code for Existing Elevators (ASME A17.3) must be completed by January 1, 2015, but OSFM or the Local Administrator may not require their completion prior to January 1, 2013:*
 - A) *Restricted opening of hoistway doors or car doors on passenger elevators in accordance with ASME A17.3-2005;*
 - B) *Car illumination in accordance with ASME A17.3-2005;*
 - C) *Emergency operation and signaling devices in accordance with ASME A17.3-2005;*
 - D) *Phase reversal and failure protection in accordance with ASME A17.3-2005;*
 - E) *Reopening device for power operated doors or gates in accordance with ASME A17.3-2005;*
 - F) *Stop switch pits in accordance with ASME A17.3-2005; and*
 - G) *Pit ladder installation in accordance with Section 2.2.4.2 of ASME A17.1-2007.*

- 2) *In the event that a conveyance regulated by this Part is altered, the alteration shall comply with. **ASME-A17.1/CSA B44 -2019***

- 3) *Notwithstanding anything else in this Section, the firefighter's emergency operation and the hydraulic elevator cylinder, including the associated safety devices outlined in Section 4.3.3(b) of ASME A17.3-2005, are not required to be upgraded unless:*
 - A) *There is an alteration;*
 - B) *The equipment fails; or*
 - C) *Failing to replace the equipment jeopardizes the public safety and welfare as determined by the Local Administrator or the Board.*
[225 ILCS 312/35(h) and (i)]

- e) Non-Mandatory Guidelines. It is recommended that all conveyances be inspected and tested in accordance with the following recommended practices. The following list should not be interpreted as excluding other practices recommended by equipment manufacturers.

American Society of Mechanical Engineers (ASME)
 Three Park Avenue
 New York NY 10016-5990

Guide for Inspection of Elevators, Escalators, and Moving Walks (**ASME A17.2-2017**)

(41 Il.Admin.Code 1000.60(a)). All State licensees (mechanics and inspectors) and Municipal partners (Local Administrators) are responsible for ensuring that these standards are applied only to those conveyances constructed, repaired or modified *after* May 25, 2021. Starting May 25, 2021, however, the new codes adopted by the amended Rules at Section 1000.60(a) shall apply to *all conveyances*, existing and new. If you become aware of any violations to this directive, please report such instances to the OSFM's attention immediately.

As for the remaining sections of the amended Rules, they contain both major and minor changes. For your consideration, the sections containing the most significant modifications are listed below so that you may read and understand them prior to their promulgation as State law:

- Adoption of updated safety codes: Section 1000.60.

The new rules can be found online at:

https://www.cyberdriveillinois.com/departments/index/register/volume45/register_volume45_issue_24.pdf

Please feel free to contact the Elevator Safety Division in the future if you have any questions or need further assistance.

Respectfully,

Bob Capuani