



Proposed Changes to the Illinois Elevator Safety Rules

The Elevator Safety Review Board (Board) is proposing changes to the Illinois Elevator Safety Rules, 41 Ill. Adm. Code 1000, that would incorporate newer editions of nationally recognized technical codes. The Office of the State Fire Marshal (OSFM) provides the below summary of changes to help improve communication and understanding of the proposed changes.

Newer editions of codes would be adopted:

- Safety Code for Elevators and Escalators (ASME A17.1-2025), with modifications and exclusions.
 - Two sections of this code would be excluded from adoption (remote interaction operation and test enable operations). Portions of the elevator industry and the OSFM's Elevator Safety Division remain concerned that the new allowances for remote operators to have a wide range of capabilities to affect the elevator's operation could result in unintended danger for mechanics, inspectors, and other licensed personnel working on the elevator.
 - Modification would delay the compliance deadline for the door lock monitoring requirement for existing elevators until 2034. Please see more on door lock monitoring below.
 - Previously excluded item now proposed for inclusion: One section that had been previously excluded from adoption (alternative test method for car safeties) would no longer be excluded. More time has passed to allow for the evaluation of alternative test methods for car safeties in other jurisdictions and such alternative test methods are considered to be a safe method for testing.
- Performance-Based Safety Code for Elevators and Escalators (ASME A17.7-2025).
- Safety Standard for Platform Lifts and Stairway Chairlifts (ASME A18.1-2023).
- Standard for the Qualification of Elevator Inspectors (ASME QEI-1-2024).
- Automated People Mover Standards (ANSI/ASCE/T&DI 21-21).
- Guide for Inspection of Elevators, Escalators, and Moving Walks (ASME A17.2-2023) (recommended guideline)

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Door Lock Monitoring:

- One of the safety codes being proposed for adoption, ASME A17.1-2025, contains requirements for a door lock monitoring system to be installed on existing elevators that have power-operated mechanically-coupled doors.
- Door lock monitoring is a safety feature that prevents the elevator from running with the doors open during regular (non-inspection) service.
- Door lock monitoring protects the elevator-riding public from the risks of serious injury and death associated with open elevator doors and elevator movement. This risk is not hypothetical – door lock monitoring exists today because of documented fatalities.
- Door lock monitoring is already required for new and altered elevators in Illinois and in many other states across the country.
- Upon the effective date of the rules, there will be three groupings of elevators:
 - New elevators - Elevators permitted and installed under ASME A17.1-2025 must be compliant with ASME A17.1-2025 at the time of installation.
 - Existing elevators with door monitoring systems - Elevators permitted and installed under an ASME A17.1 edition that requires door lock monitoring must remain compliant with that edition.
 - Existing elevators without door monitoring systems - Elevators permitted and installed under an ASME A17.1 edition that did not require door lock monitoring will need to be compliant with ASME A17.1-2025 provisions on door monitoring systems by the compliance deadline (proposed as January 1, 2034).
- How can existing elevators without a door monitoring system implement door lock monitoring?
 - Compliance can be achieved in two ways: 1) Adding a door lock monitoring overlay to the existing controller; or 2) Alteration (Modernization) of the elevator. The approach taken will be determined by the elevator owner and may depend on factors such as the age of the equipment, usage, budget, and the owner's plans for the building. These factors can affect cost.
 - If any owner is advised that their elevator must be modernized for compliance, OSFM encourages the owner to request proposals from different licensed elevator contractors and consider whether to involve an elevator consultant in their project. Based on communications with industry cohorts, OSFM understands that it is highly unlikely that any elevator will need to be modernized to comply with this proposed door lock monitoring requirement due to age and vintage of the equipment.
- Please see the following link for more information on door lock monitoring:
<https://sfm.illinois.gov/about/divisions/elevators/elevator-faqs.html#faq-whichelevatorsrequiredoorlockmonitoring-faq0>.

Contact Us

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