

24.39.40 – SAFETY RULES FOR ELEVATORS, ESCALATORS, AND MOVING WALKS

000. LEGAL AUTHORITY.

This chapter is adopted by the administrator of the Division of Occupational Professional Licenses ~~pursuant to in accordance with~~ Sections 39-8605, ~~67-2604, 67-2614, 67-9409- and 67-9406~~ Idaho Code. (3-28-23)

001. SCOPE.

These rules govern the ~~operation, installation, alteration, design, construction, installation, operation, inspection, testing,~~ maintenance, ~~and alteration, or~~ repair of ~~conveyances. elevators, escalators, moving walks, platform lifts, material lifts, and dumbwaiters.~~ (3-28-23)

002. ADOPTION AND INCORPORATION BY REFERENCE.

01. Documents. The following codes, amendments, and updates are hereby adopted and incorporated by reference into these rules for all conveyances subject to this chapter. (3-28-23)

a. ANSI/ASME A17.1 ~~2016~~2022, Safety Code for Elevators and Escalators with the following exceptions: (3-28-23)

~~i. Compliance with section 2.8.3.3.2 requires that the means for disconnecting the main power, as required by this section, to be within sight of controller for all conveyances with an elevator machine room or control room.~~ (3-28-23)

~~ii.~~ Compliance with section 8.11.2.1.5(c) Car and Counterweight Buffer testing must be conducted at slow speed in accordance with Item 5.9.2.1(~~ba~~) in ANSI/ASME A17.2 ~~2014~~2020. (3-28-23)

~~iii.~~ Compliance with Section 2.2.2.5, which requires a sump pump or drain in the elevator pit, is optional. If a sump pump or drain is installed, it must meet the requirements of this section. A sump with a cover must be provided in each elevator pit. (3-28-23)

~~iii.~~ Compliance with Section 2.27 regarding visual communication screen is optional; compliance with audio communication requirements are mandatory.

b. ANSI/ASME A17.3 2015 Safety Code for Existing Elevators and Escalators. (3-28-23)

c. ANSI/ASME A17.4 ~~1999-2015~~ Guide for Emergency Personnel. (3-28-23)

d. ANSI/ASME A17.5 2014~~9~~ Elevator and Escalator Electrical Equipment. (3-28-23)

e. ANSI/ASME A17.6 2010 Standard for Elevator Suspension, and Governor Systems. (3-28-23)

f. ANSI/ASME A17.7 2012 Performance-based Safety Code for Elevators and Escalators. (3-28-23)

g. ANSI/ASME A17.8 ~~2016-2021~~ Standard for Wind Tower Turbine Elevators. (3-28-23)

h. ICC/ANSI A117.1 2009 Accessible and Usable Buildings and Facilities. (3-28-23)

i. ANSI/ASME A18.1 ~~2014-2020~~ Safety Standards for Platform Lifts and Chairlifts. (3-28-23)

j. ASME ~~QE-1 2013-QEI-1~~ 2018 Standard for the Qualification of Elevator Inspectors. (3-28-23)

02. Copies. Copies of the codes, amendments, and updates listed in ~~Subsection 004.01~~ of these rules are available for review at the ~~Division of Building Safety~~ Division of Occupational and Professional Licenses offices. (3-28-23)

~~003. 010. (RESERVED)~~

01500. INSPECTION REQUIREMENTS.

For an inspection may to take place: (3-28-23)

~~01. Access. All machine rooms and spaces must be free of dirt and debris and have any obstacles to access removed. (3-28-23)~~

02.01. Technician on Site. An elevator technician and fire alarm technician must be present on site to restore elevator and fire alarm systems. (3-28-23)

03.02. Installation. The elevator installation must be complete and safe for inspection. Equipment, components, or systems installed on the conveyance must function in accordance with design and code requirements. If equipment, components, or systems are installed that are not required by the currently adopted code, they must function properly or be removed. (3-28-23)

04.03. Inspection Fees. Inspection fees for elevators are assessed and collected according to the schedule listed in Section 39-8616, Idaho Code, except that reinspection fees for all types of conveyances is one hundred dollars (\$100) for the first hour of inspection, or portion thereof, and one hundred dollars (\$100) for each hour of inspection thereafter. (3-28-23)

200. PRACTICE STANDARDS.

01201. APPROVAL OF NEW OR ALTERNATIVE TECHNOLOGY.

01a. Administrator Approval Required. If, due to construction or technological impediments, an elevator or conveyance cannot comply with applicable code requirements, approval of new or alternative construction or technology may be requested ~~from the administrator~~. Approval must be obtained before commencement of construction. (3-28-23)

~~02. Submission Deadline. Details of the proposed construction or technology, including design, material specifications and calculations, and such other information as may be requested, must be submitted to the administrator at least thirty (30) days in advance of the anticipated construction start date. (3-28-23)~~

aj. The manufacturer of the new product or system must provide the ~~administrator~~ division with an Accredited Elevator/Escalator Certification Organization (AECO) approval and certification in accordance with ANSI/ASME A17.7 Performance-based Safety Code for Elevators and Escalators or engineering and test data demonstrating that the proposed technology is safe for the intended purpose. (3-28-23)

~~b. The owner of the new product or system must provide the administrator with a document in which the owner acknowledges that the proposed technology is not governed by the applicable safety code and assures the administrator that, at such time as the code is revised to include the product or system, the owner will modify the product or system to bring it into compliance. The owner must assure the administrator that if the product or system cannot be modified or altered to bring it into compliance with the applicable code it will be removed and replaced with code compliant equipment. (3-28-23)~~

~~c. The manufacturer of the new product or system must provide training to Division personnel on the proposed technology and any related products or systems at no cost to the Division. (3-28-23)~~

~~03. Engineer Approval. The information provided in compliance with the foregoing requirements must be approved by an Accredited Elevator/Escalator Certification Organization (AECO) or a registered professional engineer experienced in elevator or conveyance design prior to submission to the administrator. (3-28-23)~~

~~013. 999. (RESERVED)~~