

Elevator Code Changes Updates

Effective 7/18/2021, all conveying unit permit applications shall meet the newly adopted codes referenced below and shall be approved and inspected to meet the newly adopted codes.

Please assist us in the application approval process by verifying all permit applications have been correctly completed, signed, dated, work description completed in detail, and all required final prints included.

Building permits issued before 7/18/2021 shall require conveying units to be permitted and inspected to meet the requirements of **A17.1 2010** Safety Code for Elevators and Escalators or the **A18.1 2008** Safety Standard for Platform Lifts and Stairway Chairlifts, whichever is applicable.

Building permits issued on 7/18/2021 and after shall require conveying units to be permitted and inspected to meet the requirements of **A17.1 2016** Safety Code for Elevators and Escalators or the **A18.1 2014** Safety Standard for Platform Lifts and Stairway Chair, whichever is applicable.

A17.2 2017 The Guide for Inspection of Elevators, Escalators and Moving Walks shall be the adopted code effective 7/18/2021.

A17.6 2017 Elevator Suspension, Compensation and Governor Systems shall be the adopted code effective 7/18/2021.

877.1 2017 The Safety code for Aerial Tramways, Aerial Lifts, Surface Lifts, Tows and Conveyors shall be the adopted code effective 7/18/2021.

Listed below are code requirements that are commonly cited by our department:

A17.1 2010 8.6.1.7.2

Periodic Test Tags:

A metal test tag with all applicable code requirements, date performed and the name of the person or firm performing the test shall be installed to be readily visible and securely attached to the controller of each unit for all periodic tests.

A new tag is required following each required Category test.
Marking through dates and reusing a tag is not allowed.

A17.1 2016 8.6.4.19 Traction Category 1 Test requirements.

A17.1 2016 8.6.4.20 Traction Category 5 Test requirements.

A17.1 2016 8.6.5.14 Hydraulic Category 1 Test requirements.

A17.1 2016 8.6.5.16 Hydraulic Category 5 Test requirements.

A17.1 2016 8.6.8.15 Escalator and Moving Walks Category 1 Test requirements.

A17.1 2016 8.6.1.7.3

No person shall at any time make inoperative or ineffective any device on which the safety of users is dependent, except where necessary during testing which includes restrictors.

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A17.1 2016 8.6.1.6.3(d)

Jumpers (of any type) shall not be stored in machine rooms, control rooms, hoistways, machinery spaces, control spaces escalator/moving walk well ways or pits.

Replacement of a hydraulic control valve or oil line replacement requires a special inspection and shall consist of a full load test meeting the requirements of **A17.1 2016 8.6.3.11 and 3.19**

Installation of televisions, graphic display boards or other visual displays inside cars shall require a special inspection and shall meet the requirements of **A17.1 2016 2.14.1.9(d)** and withstand all testing requirements.

A17.1 2016 8.6.4.7

Hoistway and pits shall be kept free of dirt and rubbish and shall not be used for storage purposes.

A17.1 2016 8.6.4.7.4

Water and oil shall not be allowed to accumulate on pit floors.

A17.1 2016 8.6.4.8

Floors and machinery and control spaces shall be kept free of water, dirt, rubbish, oil, and grease. (Machinery/control spaces. Machine/control rooms)

A17.1 2016 8.6.4.9

The tops of cars shall be kept free of oil, water, dirt, and rubbish and shall not be used for storing lubricants, spare parts, tools, or other items.

Be advised:

Elevators being mod, having counterweights that run between elevators, shall have a permanent safety barricade installed meeting the requirements of **A17.1 2.3.2**.

Escalator step/skirt index testing shall be required and enforced.

The permit/state number is required to be provided to our unit at the time of an inspection request.

A copy of the installation permit is required to be posted on site for each installation.

All installations shall be 100% completed and pretested; fire initiating devices shall be 100% completed and pretested; emergency power provided to elevators shall be pretested and all building related requirements shall be completed before our inspector arrives on the job site. Failure to complete these requirements will result in a failed Inspection.

A 24-hour notice is required to cancel any scheduled acceptance or acceptance re-inspection. Failure to provide required cancellation notice will be considered a failed inspection.

A Maintenance Control Program (MCP) shall be in place for each individual unit. The MCP shall meet the amended requirements referenced in The Rules of the Tennessee Department of Labor and Workforce Development - Chapter 0800-03-04 -.02 (o) through (y).