

State of Connecticut
Regulation of
Department of Administrative Services
Concerning
Safety Code for Elevators and Escalators

Section 1. The Regulations of Connecticut State Agencies are amended by adding sections 29-192-1e to 29-192-6e, inclusive, as follows:

(NEW) Sec. 29-192-1e. Introduction

This section and sections 29-192-1e to 29-192-6e, inclusive, of the Regulations of Connecticut State Agencies and their adopted standards shall be known as the Connecticut Safety Code for Elevators and Escalators.

(NEW) Sec. 29-192-2e. Authority having jurisdiction

For the purposes of regulations adopted by reference pursuant to Section 29-192 of the Connecticut General Statutes, “authority having jurisdiction” means the Commissioner of Administrative Services. The Commissioner of Administrative Services is the authority having jurisdiction regarding the proper administration, application, interpretation and modification of the requirements contained within sections 29-192-1e to 29-192-6e, inclusive, of the Regulations of Connecticut State Agencies.

(NEW) Sec. 29-192-3e. Owner or operator responsibility

The owner or operator of any elevator or escalator subject to sections 29-192-1e to 29-192-6e, inclusive, of the Regulations of Connecticut State Agencies shall ensure the following:

- (a) That the elevator or escalator is registered in accordance with the provisions of Section 29-194 of the Connecticut General Statutes; and
- (b) That the elevator or escalator is properly maintained and meets all manufacturer safety requirements.

(NEW) Sec. 29-192-4e. Adopted standards

(a) The following national standards, together with all addenda and amendments thereto, are hereby adopted as part of sections 29-192-1e to 29-192-6e, inclusive, of the Regulations of Connecticut State Agencies:

- (1) ASME A17.1-2013, Safety Code for Elevators and Escalators;
 - (2) ASME A17.6-2010, Standard for Elevator Suspension, Compensation, and Governor Systems;
 - (3) ASME A17.7-2007, Performance-Based Safety Code for Elevators and Escalators;
 - (4) ANSI/ASSE A10.4-2007, Personnel Hoists and Employee Elevators on Construction and Demolition Sites; and
 - (5) ANSI B77.1-2011, Passenger Ropeways-Aerial Tramways, Aerial Lifts, Surface Lifts, Tows and Conveyors—Safety Requirements.
- (b) The standards adopted by The American Society of Mechanical Engineers are available at www.ASME.org.
- (c) ANSI documents are available at www.ANSI.org.

(NEW) Sec. 29-192-5e. Key for emergency operation

The key required by Section 2.27, Rule 2.27.3.1.1, of ASME A17.1 shall be the key known as the “Bridgeport Fire Department (BFD-1)” key.

Sec. 29-192-6e. Connecticut supplement

ASME A17.1-2013, Safety Code for Elevators and Escalators, and addenda, are amended to meet the needs of Connecticut as follows:

(AMD) indicates the substitution of the text shown within the supplement for the corresponding section or subsection in ASME 17.1-2013 or addenda.

(DEL) indicates the deletion of the section or subsection without substituting new text.

SECTION 2.2 PITS**2.2.2 Design and Construction of Pits**

(DEL) 2.2.2.3

(DEL) 2.2.2.5

(AMD) 2.2.2.6 Sumps in pits shall be provided and shall be covered. The cover shall be secured and level with the pit floor.

SECTION 2.27 EMERGENCY OPERATION AND SIGNALING DEVICES

(AMD) **2.27.8 Switch Keys.** The keys switches required by Sections 2.27.2 to 2.27.5, inclusive, and Section 2.27.11 for all elevators in a building shall be operable by the BFD-1 key. The key shall be Group 3 Security (see Section 8.1). A separate key shall be provided for each switch. These keys shall be kept on the premises in a location readily accessible to firefighters and emergency personnel, but not where they are accessible to the public. The key shall be coded “BFD-1”. The key shall be limited to elevator personnel, emergency personnel, elevator equipment manufacturers, and authorized personnel during a check of firefighters’ operation (see Sections 8.1 and 8.6.11.1). Where provided, a lock box, including its lock and other components, shall conform to the requirements of UL 1037 (see Part 9).

SECTION 8.1 SECURITY**(AMD) 8.1.4 Group 3: Emergency Operation**

Group 3 covers access or operation of equipment by emergency, authorized, and elevator personnel. This key shall be coded “BFD-1”.

NOTE: See the following:

- (a) Requirements 2.27.2.4.1 and 2.27.8, emergency or standby power access selector switch.
- (b) Requirements 2.27.3.1.1 and 2.27.8, Phase I emergency recall operation switch.
- (c) Requirements 2.27.3.3 and 2.27.8, Phase II emergency in-car operation switch.
- (d) Side emergency exit doors on existing equipment. Exception: Authorized personnel shall not access or operate side emergency exit doors.

SECTION 8.10 ACCEPTANCE INSPECTIONS AND TESTS

(DEL) Rule 8.10.1.1.3

(DEL) **Rule 8.10.1.2 Accreditation of Certifying Organizations.**

SECTION 8.11 PERIODIC INSPECTIONS AND WITNESSING OF TESTS

(DEL) **8.11.1.1 Persons Authorized to Make Periodic Inspections and Witness Tests.**

(AMD) **8.11.1.3 Periodic Inspection and Test Frequency.** The frequency of periodic inspections and tests shall be established by the authority having jurisdiction as follows:

- (a) Category 1 periodic tests—Intervals of 12 months
- (b) Category 3 periodic tests—Intervals of 36 months
- (c) Category 5 periodic tests—Intervals of 60 months
- (d) Periodic inspections—In accordance with Section 29-195 of the Connecticut General Statutes

Section 8.11.2 Periodic Inspection of Electric Elevators

(DEL) 8.11.2.1 Periodic Inspection Requirements

Section 8.11.3 Periodic Inspection of Hydraulic Elevators

(DEL) 8.11.3.1 Periodic Inspection Requirements

Section 8.11.4 Periodic Inspection and Test Requirements

(DEL) 8.11.4.1 Periodic Inspection Requirements

Sec. 2. Sections 29-192-1d to 29-192-6d, inclusive, of the Regulations of Connecticut State Agencies are repealed.

R-39 Rev. 02/2012

Statement of Purpose: To update the Connecticut Safety Code for Elevators and Escalators to be consistent with new technology concerning usage, products, materials and methods of construction with respect to elevators and escalators in commercial and residential occupancies. The code provides safety standards for the installation, construction, operation, maintenance, inspection, repair and use of elevators and escalators.