

Secretary of the State File Number

**6260**

Regulation of the  
**Department of Administrative Services**  
Concerning

**Safety Code for Elevators and Escalators**

Regulations adopted after July 1, 2013, become effective upon posting to the Connecticut eRegulations System, or at a later date if specified within the regulation.

Posted to the Connecticut eRegulations System on **January 3, 2018**

EFFECTIVE DATE

**January 3, 2018**

Approved by the Attorney General on

**November 8, 2017**

Approved by the Legislation Regulation Review Committee on

**December 19, 2017**

Electronic copy with agency head certification statement electronically submitted to and received by the Office of the Secretary of the State on

**December 28, 2017**

The text of this approved regulation will be published in the Connecticut Law Journal



## DEPARTMENT OF ADMINISTRATIVE SERVICES

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### Electronic Copy Certification Statement

I, **Melody A. Currey**, Commissioner of the **Department of Administrative Services**, in accordance with the provisions of Section 4-172 of the *General Statutes of the State of Connecticut*, **do hereby certify:**

That the electronic copy of a regulation concerning **the Connecticut Safety Code for Elevators and Escalators**, which was approved by the Legislative Regulation Review Committee on **December 19, 2017**, and which shall be submitted electronically for filing to the Secretary of the State by **Jenna Padula** of this agency on **December 27, 2017**, is a true and accurate copy of the original regulation approved in accordance with Sections 4-169 and 4-170 of the *General Statutes of the State of Connecticut*.

In testimony whereof, I have hereunto set my hand on  
**December 22, 2017.**

Melody A. Currey

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 29-192-2e 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](http://www.ASME.org).
- (c) ANSI documents are available at [www.ANSI.org](http://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.

**(NEW) 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.**



**IMPORTANT NOTICE FOR CONNECTICUT STATE AGENCIES**

This form is to be used for proposed permanent and technical amendment regulations only and must be completed in full.

**AGENCY CERTIFICATION**

**Department of Administrative Services**

Proposed Regulation Concerning

**Safety Code for Elevators and Escalators**

eRegulations System Tracking Number PR-2016-044

**I hereby certify the following:**

(1) The above-referenced **regulation** is proposed pursuant to the following statutory authority or authorities: **Section 29-192**

*For technical amendment regulations proposed without a comment period, complete #2 below, then skip to #8.*

(2) As permitted by Section 4-168(h) of the *Connecticut General Statutes*, the agency elected to proceed without prior notice or hearing and posted the text of the proposed technical amendment regulation on eRegulations System website on **<<select and enter the date of posting>>**.

*For all other non-emergency proposed regulations, complete #3 - #7 below, then complete #8)*

(3) The agency posted notice of intent with a specified comment period of not less than 30 days to the eRegulations System website on **November 22, 2016**.

(4) *(Complete one)* ☒ No public hearing held or was required to be held. **OR** ☐ One or more public hearings were held on: .

(5) The agency posted notice of decision to move forward with the proposed regulation to the eRegulations System website on **March 22, 2017**.

(6) *(Complete one)* ☐ No comments were received. **OR** ☒ Comments were received and the agency posted the statements specified in subdivisions (2) and (3) of CGS Section 4-168(e) to the eRegulations System website on **March 22, 2017**.

(7) The final wording of the proposed regulation was posted to the eRegulations System website on **March 28, 2017**.

(8) Subsequent to approval for legal sufficiency by the Attorney General and approval by the Legislative Regulation Review Committee, **the final regulation shall be effective**

*(Check one and complete as applicable)*

☒ When posted to the eRegulations System website by the Secretary of the State.

**OR** ☐ On \_\_\_\_\_

*(Date must be a specific calendar date not less than 11 days after submission to the Secretary of the State)*

**SIGNED**

*(Head of Board, Agency or Commission, or duly authorized deputy)*

**OFFICIAL TITLE**

**DATE**

*Melody A. Curry*

*Commissioner of DAS*

*3/28/17*

# OFFICE OF THE ATTORNEY GENERAL REGULATION CERTIFICATION

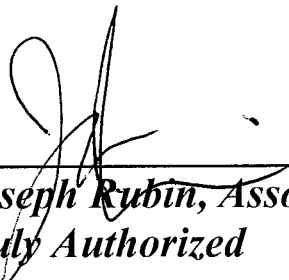
**Agency:** Connecticut Department of Administrative Services

***REGULATION NUMBER:*** PR2016-044

**This Regulation is hereby APPROVED by the Attorney General as to legal sufficiency in accordance with Connecticut General Statutes Section 4-169.**

**DATE:** 11/8/2017

**Signed:**

  
\_\_\_\_\_  
*Joseph Rubin, Associate Attorney General*  
*Duly Authorized*



# The Connecticut General Assembly

## Legislative Regulation Review Committee

Senator Paul Doyle  
Senate Chair



Representative Christie Carpino  
House Chair

### Official Record of Committee Action

December 19, 2017

Agency: Department of Administrative Services  
Description: Safety Code for Elevators and Escalators  
LRRC Regulation Number: 2017-015A  
eRegulation Tracking Number: PR2016-044

The above-referenced regulation has been

### Approved with Technical Corrections

by the Legislative Regulation Review Committee in accordance  
with CGS Section 4-170.

Kirstin L. Breiner  
Committee Administrator



State of Connecticut  
Office of the Secretary of the State

**Confirmation of Electronic Submission**

Re: Regulation of the Department of Administrative Services concerning Safety  
Code for Elevators and Escalators  
eRegulations System Tracking Number PR2016-044  
Legislative Regulation Review Committee Docket Number 2017-015A

The above-referenced regulation was electronically submitted to the Office of the Secretary of the State in accordance with Connecticut General Statutes Section 4-172 on December 28, 2017.

Said regulation is assigned Secretary of the State File Number 6260.

The effective date of this regulation is January 3, 2018.

A handwritten signature in black ink, reading "Denise W. Merrill".

Denise W. Merrill  
Secretary of the State  
January 3, 2018

By:

/s/ Kristin M. Karr

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Kristin M. Karr  
Administrative Law  
Information Systems Manager