

TABLE OF CONTENTS

ELEVATORS AND ESCALATORS

Repealed 29-192-A1—29-192-C3

Connecticut Safety Code for Elevators and Escalators

Introduction. 29-192-1d

Authority having jurisdiction 29-192-2d

Owner or operator responsibility 29-192-3d

Adopted standards 29-192-4d

Key for emergency operation 29-192-5d

Connecticut supplement 29-192-6d

ELEVATORS AND ESCALATORS

Secs. 29-192-A1—29-192-C3.

Repealed, June 2, 1999.

Connecticut Safety Code For Elevators and Escalators

Sec. 29-192-1d. Introduction

Regulations of the Department of Public Safety, Sections 29-192-1d to 29-192-6d, inclusive, shall be known as the Connecticut Safety Code for Elevators and Escalators.

(Adopted effective June 2, 1999)

Sec. 29-192-2d. 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 Public Safety. The Commissioner of Public Safety is the authority having jurisdiction regarding the proper administration, application, interpretation and modification of the requirements contained within Sections 29-192-1d to 29-192-6d, inclusive.

(Adopted effective June 2, 1999)

Sec. 29-192-3d. Owner or operator responsibility

The owner or operator of any elevator or escalator subject to Sections 29-192-1d to 29-192-6d, inclusive, shall assure 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.

(Adopted effective June 2, 1999)

Sec. 29-192-4d. Adopted standards

(a) The following national standards, together with all addenda and amendments thereto, are hereby adopted as part of Sections 29-192-1d to 29-192-6d, inclusive:

ASME A17.1-1996, Safety Code for Elevators and Escalators;

ASME A17.1a-1997, Safety Code for Elevators and Escalators, Addenda;

ASME A17.1b-1998, Safety Code for Elevators and Escalators, Addenda; and

ANSI A10.4-1990, American National Standard Safety Requirements for Personnel Hoists and Employee Elevators for Construction and Demolition Operations.

(b) The standards adopted by The American Society of Mechanical Engineers are available by writing to ASME Order Department, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

(c) ANSI A10.4-1990 (product # 19530-0000) is available from the National Safety Council, 1121 Spring Lake Drive, Itasca, IL 60143-3201.

(Adopted effective June 2, 1999)

Sec. 29-192-5d. Key for emergency operation

The key required by Section 211, Rule 211.8, of ANSI A17.1-1996 shall be the key known as the “Bridgeport Fire Department (BFD1)” key.

(Adopted effective June 2, 1999)

Sec. 29-192-6d. Connecticut supplement

ASME A17.1-1996, Safety Code for Elevators and Escalators, and addenda, are amended to meet the needs of Connecticut as follows:

NOTE: A section or subsection in the Connecticut Supplement preceded by the word “(Amd)” indicates the substitution of the text shown within the supplement for the corresponding section or subsection in ASME A17.1-1996 or addenda. A section or subsection preceded by the word “(Del)” indicates that the section or subsection in ASME A17.1-1996 or addenda is to be deleted without substituting new text.

PART I

**HOISTWAYS, HOISTWAY ENCLOSURES,
AND RELATED CONSTRUCTION FOR
ELECTRIC ELEVATORS**

**SECTION 106
PITS**

106.1b Design and Construction of Pits

(1) The construction of the pit walls, the pit floor, and any pit access doors (see Rule 106.1d) shall conform to rules 100.1 and 100.2.

(2) The floor to the pit shall be approximately level, except that:

(a) trenches or depressions may be provided for the installation of buffers, compensating sheaves and frames, and vertically sliding biparting hoistway doors where structural conditions make such trenches or depressions necessary;

(b) in existing buildings, where new elevators are installed or existing elevators are altered, existing foundation footings extending above the general level of the pit floor may remain in place, provided the maximum encroachment of such footings does not exceed 15 % of the cubic content of the pit and further provided that it is impracticable to remove the footing.

(Del) (3)

(4) Sumps in pits, where provided, shall be covered. The cover shall be level with the pit floor.

ROUTINE, PERIODIC, AND ACCEPTANCE INSPECTIONS AND TESTS

SECTION 1000

GENERAL REQUIREMENTS

(Del) Rule 1000.1 Persons Authorized to Make Inspections and Tests

(Del) 1000.1a Routine Inspections and Tests

(Del) 1000.1b Periodic Inspection and Tests

(Del) 1000.1c Acceptance Inspection and Tests

SECTION 1001**ROUTINE INSPECTION AND TESTS OF PASSENGER AND
FREIGHT ELECTRIC ELEVATORS**

(Amd) Rule 1001.1 Inspection and Test Periods

The routine inspection and tests of passenger and freight electric elevators shall be made in accordance with section 29-195 of the Connecticut General Statutes. All references to items are to items in A17.2.1, Inspectors' Manual for Electric Elevators.

NOTE [Rule 1001.1]: See Rule 1010.2 for private residence elevators.

SECTION 1004**ROUTINE INSPECTION AND TESTS OF PASSENGER AND
FREIGHT HYDRAULIC ELEVATORS**

(Amd) Rule 1004.1 Inspection and Test Periods

The routine inspection and tests of passenger and freight hydraulic elevators shall be made in accordance with section 29-195 of the Connecticut General Statutes. All references to items are to items in A17.2.2, Inspectors' Manual for Hydraulic Elevators.

NOTE [Rule 1004.1]: See Rule 1010.2 for private residence elevators.

SECTION 1007**ROUTINE INSPECTION AND TESTS OF ESCALATORS AND
MOVING WALKS**

(Amd) Rule 1007.1 Inspection and Test Periods

The routine inspection and tests of passenger and freight hydraulic elevators shall be made in accordance with section 29-195 of the Connecticut General Statutes. All references to items are to items in A17.2.3, Inspectors' Manual for Escalators and Moving Walks.

SECTION 1010**INSPECTION AND TESTS OF OTHER EQUIPMENT**

(Amd) Rule 1010.1 Sidewalk Elevator

Sidewalk elevators shall be subject to the applicable routine, periodic, and acceptance inspections and tests specified in Sections 1000 through 1006. Routine inspections shall be performed in accordance with section 29-195 of the Connecticut General Statutes.

The inspection and test requirements shall apply to the corresponding requirements in Part IV. Any additional requirements for this equipment shall also be checked during these inspections and tests.

(Amd) Rule 1010.3 Hand Elevators

Hand elevators shall be subject to the applicable routine, periodic, and acceptance inspections and tests specified in Sections 1000 through 1003. Routine inspections shall be performed in accordance with section 29-195 of the Connecticut General Statutes.

The inspection and test requirements shall apply to the corresponding requirements in Part VI. Any additional requirements for this equipment shall also be checked during these inspections and tests.

The driving-machine brake required by Rule 607.2 shall be tested with both empty car and rated load in the car.

(Amd) Rule 1010.6 Special Purpose Personnel Elevators

Special purpose personnel elevators shall be subject to the applicable routine, periodic, and acceptance inspections and tests specified in Sections 1000 through 1006. Routine inspections shall be performed in accordance with section 29-195 of the Connecticut General Statutes.

The inspection and test requirements shall apply to the corresponding requirements in Part XV. Any additional requirements for this equipment shall also be checked during these inspections and tests.

(Amd) Rule 1010.7 Inclined Elevators

Inclined elevators shall be subject to the applicable routine, periodic, and acceptance inspections and tests specified in Sections 1000 through 1006. Routine inspections and shall be performed in accordance with section 29-195 of the Connecticut General Statutes.

The inspection and test requirements shall apply to the corresponding requirements in Part XVII. Any additional requirements for this equipment shall also be checked during these inspections and tests.

(Amd) Rule 1010.8 Shipboard Elevators

Shipboard elevators shall be subject to the applicable routine, periodic, and acceptance inspections and tests specified in Sections 1000 through 1006. Routine inspections and tests shall be performed in accordance with section 29-195 of the Connecticut General Statutes.

The inspection and test requirements shall apply to the corresponding requirements in Part XXII. Any additional requirements for this equipment shall also be checked during these inspections and tests.

(Amd) Rule 1010.9 Screw Column Elevators

Screw column elevators shall be subject to the applicable routine, periodic, and acceptance inspections and tests specified in Sections 1000 through 1006. Routine inspections and tests shall be performed in accordance with section 29-195 of the Connecticut General Statutes.

The inspection and test requirements shall apply to the corresponding requirements in Part XVIII. Any additional requirements for this equipment shall also be checked during these inspections and tests.

(Amd) Rule 1010.11 Rooftop Elevators

Rooftop elevators shall be subject to the applicable routine, periodic, and acceptance inspections and tests specified in Sections 1000 through 1006. Routine inspections and tests shall be performed in accordance with section 29-195 of the Connecticut General Statutes.

The inspection and test requirements shall apply to the corresponding requirements of Part XXIII. Any additional requirements for this equipment shall also be checked during these inspections and tests.

(Amd) Rule 1010.12 Rack and Pinion Elevators

Rack and pinion elevators shall be subject to the applicable routine, periodic, and acceptance inspections and tests specified in Sections 1000 through 1006. Routine inspections and tests shall be performed in accordance with section 29-195 of the Connecticut General Statutes.

The inspection and test requirements shall apply to the corresponding requirements in Part XVI. Any additional requirements for this equipment shall also be checked during these inspections and tests.

(Amd) Rule 1010.13 Limited-Use/Limited Application Elevator

Limited-Use/Limited-Application elevators shall be subject to the applicable routine, periodic, and acceptance inspections and tests specified in Section 1000 through 1006. Routine inspections and tests shall be performed in accordance with section 29-195 of the Connecticut General Statutes.

The inspection and test requirements shall apply to the corresponding requirements in Part XXV. Any additional requirements for this equipment shall also be checked during these inspections and tests.

(Adopted effective June 2, 1999; amended June 1, 2001)