

524: BOARD OF ELEVATOR REGULATIONS

524 CMR 7.00: MISCELLANEOUS REGULATIONS

Section

- 7.01: Miscellaneous Regulations
- 7.02: Registration Numbers
- 7.03: Reference to Other Applicable Laws or Regulatory Codes
- 7.04: Inspection Certificates

7.01: Miscellaneous Regulations

(1) Maintenance of Equipment. It shall be the duty of the owner to maintain in proper working order all parts of the elevator installations and to keep them in compliance with 524 CMR

(2) Welding. Welding of parts upon which safe operation of all equipment referenced in 524 CMR shall be done by qualified welders; and all work upon completion shall be approved by the enforcing authority before the elevator, escalator, dumbwaiter, etc. is placed in service. The welders may be qualified by one of the following:

- (a) by the manufacturer,
- (b) by a professional consulting engineer,
- (c) by a recognized testing laboratory.

EXCEPTION: Tack welds not later incorporated into finished welds carrying calculated loads

(3) Cleaning and Inspecting Tanks. Pressure and discharge tanks of hydraulic elevators thoroughly cleaned and inspected at least once in every two years. Pressure tanks shall be painted inside at least once every two years.

(4) Testing Relief Valves. Relief valves on hydraulic elevator pumps shall be tested not less than once each year.

(5) Hoistway Pits. Elevator hoistways and pits shall be kept clean and dry, and shall not be used for storage.

(6) Machine Rooms and Car Tops. The top or cover of an elevator car shall be kept unobstructed. Entrances to hoistways and machine rooms shall be kept clear and accessible at all times.

(7) Hoistway Covers. No hoistway cover shall be used as a thoroughfare or passage unless the elevator is of the sidewalk type.

(8) Signs in Freight Elevators. Freight elevators shall have legible signs posted on each car and at each landing, prohibiting unauthorized persons from riding on or operating the elevator car.

(9) Piston Rods. Piston rods in tension of hydraulic elevators shall be exposed for inspection at least once in every five years.

7.02: Registration Numbers

(1) To provide a uniform system of identification, of all elevators, dumbwaiters, moving stairways and other permanently installed equipment that is subject to 524 CMR a permanent registration number shall be issued by the Elevator Section, Division of Inspection, Department of Public Safety. This number shall be noted on the approved layout or drawings and on all other documents pertaining to the unit during its life, *e.g.* data, records, permit applications, operating certificates, accident reports, decommissioning records.

(2) A permanent record of the assigned registration numbers shall be maintained by the Elevator Section as directed by the Commissioner.

(3) Registration numbers shall be permanently affixed/attached to all the following:

- (a) Car crosshead front and center so as to be visible when the hoistway door is opened;
- (b) Machine, pump unit or drive unit;

524: BOARD OF ELEVATOR REGULATIONS

7.02: continued

- (c) On the certificate.
- (d) The number shall also be affixed to the main line disconnect switch.
- (e) Escalators, the plate shall be located near the handrail entrance brush on the side of the unit containing the stop/start section at each end of the unit and on the disconnect switch, controller or machine.

(4) Registration numbers shall be a minimum of ½" in height and of a contrasting color from the background color on which it is applied or mounted. This identification number shall be applied in the form of a metal or plastic plate only.

(5) Existing Elevator Equipment. All permit applications for the required annual safety test shall be posted with the permanent registration number to be assigned to the unit. The inspector shall also note the registration number on the operating certificate before it is issued. The elevator firm conducting the annual safety test for the inspector having jurisdiction shall post the registration numbers on the equipment as provided in 524 CMR 7.02(3) as directed by the inspector.

(6) Only one registration number shall be assigned to each elevator.

(7) Permanent registration numbers shall not be assigned to builders' elevators installed under 524 CMR 25.00 or to temporary workmen's elevators installed under 524 CMR 28.00.

7.03: References to Other Applicable Laws or Regulatory Codes

M.G.L. c. 143, §§ 62 through 71G.

St. 1962, c. 288 and St. 1980, c. 324.

521 CMR (Architectural Access Regulations)

527 CMR (Massachusetts Electrical Code)

780 CMR (Massachusetts State Building Code)

ASME A17.1 (Safety Code for Elevators and Escalators)

N.F.P.A. 130 (Fixed Guideway Transit Systems)

7.04: Inspection Certificates

The certificate of inspection when issued shall be posted in the elevator car or the main floor lobby of the building in which the elevator is located. When posted in the lobby the certificate and the elevator it applies too must be identified. The certificate shall be posted in a vandal resistant frame.

REGULATORY AUTHORITY

524 CMR 7.00: M.G.L. c. 143, § 69.