

875—73.4(89A) Car enclosure: Freight.

73.4(1) Each freight elevator car shall have a solid enclosure of at least 66 inches in height. The space between the solid section and the car top shall be covered solid or with perforated or lattice-type work. The perforated or latticework shall reject a ball 1½ inches in diameter. The portion of open-type enclosure which passes the counterweights shall be of solid construction the entire width of the counterweights plus 6 inches on either side. The enclosure top shall be provided with an emergency exit. EXCEPTION: Hydraulic elevators provided with a manual lowering valve.

73.4(2) Each freight car enclosure shall have doors or gates at each entrance and shall be not less than 6 feet high. Each door or gate shall be constructed in accordance with ANSI A17.1, 1971, rule 204.4, or later editions of the ASME A17.1 code.

73.4(3) Each car door or gate on a freight elevator shall have electric contacts to prevent the car from running with doors or gates open. EXCEPTIONS:

- a. By a car-leveling or truck-zoning device.
- b. By a combination hoistway access switch and operating device.
- c. When a hoistway access switch is operated.

73.4(4) Each freight elevator car enclosure shall be provided with a top. The top may be of solid or open-work construction and shall be of metal. The openwork shall reject a ball 2 inches in diameter. Car tops shall be constructed to sustain a load of 200 pounds applied at any point on the car top. The top shall not have hinged or folding panels other than the emergency exit cover.

73.4(5) Each freight car enclosure shall have lighting not less than 2½ foot-candles. Bulbs or tubes shall be guarded to prevent breakage.

73.4(6) Each freight car enclosure shall have capacity plate, loading class plates, and a “No Passenger” sign conspicuously posted. Letters shall be not less than ½-inch high.

73.4(7) Freight elevators shall not be loaded to exceed the rated load as stated on their capacity plates.

73.4(8) Each freight elevator car floor shall be maintained so that personnel will not readily slip or trip. The floor shall be maintained so that it will hold its rated load without breaking through at any place in the car.

73.4(9) Freight elevators shall not be permitted to carry passengers other than persons to load and unload material and the operator. Permission may be granted to allow the carrying of employees on freight elevators. Application shall be submitted and may be approved by the commissioner after which conveyance shall be tested as determined by the commissioner.