

**WAC 296-96-24650 Counterweights.** (1) The assembly of sectional counterweights shall conform to the following requirements:

(a) Rectangular counterweights shall be held together by at least two tie rods 12.7 mm (0.5 in.) in diameter fastened with lock washers and double nuts or other approved means;

(b) One 19.05 mm (0.75 in.) rod may be used to hold the sections of a round counterweight together. Any additional sections or weights shall be secured by an approved means.

(2) The eye bolt for the rope hitch shall be attached to the counterweight in a manner that will prevent the eye bolt from coming loose. The eye of eye bolts shall be welded to prevent it from opening.

(3) Every counterweight runway shall be enclosed with substantial unperforated material for its full distance of travel. Inspection openings shall be provided at either the top or bottom of the counterweight runway. These openings shall be substantially covered at all times except when actually being used for inspection of counterweight fastenings.

(4) Workers shall load the counterweight for the proper balance of the heaviest person using the elevator and others shall use compensating weights, which shall be available to maintain a balance.

(5) On elevators with a travel of 22.86 m (75 ft.) or more, a compensation chain or cable shall be installed to maintain the proper balance of the counterweight to the car and load in all positions.

[Statutory Authority: RCW 70.87.030. WSR 23-17-141, § 296-96-24650, filed 8/22/23, effective 10/2/23. Statutory Authority: Chapter 70.87 RCW. WSR 18-18-070, § 296-96-24650, filed 8/31/18, effective 10/1/18.]