

WAC 296-96-23117 Car top guard railings. A standard railing shall be installed on the top of all elevators in compliance with ASME A17.1/CSA B44, 2.14.1.7. Where existing conditions do not permit the railing to be installed according to clearances of 2.14.1.7.2, the following shall apply:

(1) The top railing shall be installed at a height of not less than 1066.8 mm (42 in.) nor more than 1092.2 mm (43 in.) from the car top.

(2) Where overhead conditions prevent the top railing from being located between 1066.8 mm (42 in.) and 1092.2 mm (43 in.), the railing shall be permitted to be lowered to a height that will still provide the minimum 101.6 mm (4 in.) vertical clearance to the nearest overhead object. In such cases the top railing shall be provided with red and white stripes 50.8 mm (2 in.) in width.

(3) The stripes are only required on the side(s) where the top rail is below 889 mm (35 in.).

(4) Where required, the stripes shall extend the entire length of the top rail.

(5) Where overhead conditions prevent the railing from complying with the vertical height and/or the clearances in 2.14.1.7.2(a) or (b), provide signage as required by WAC 296-96-23119(2).

(6) Toeboards are not required.

Exception: This requirement does not apply to electric manlifts or residential elevators.

[Statutory Authority: RCW 70.87.030. WSR 23-17-141, § 296-96-23117, filed 8/22/23, effective 10/2/23. Statutory Authority: Chapter 70.87 RCW. WSR 21-18-096, § 296-96-23117, filed 8/31/21, effective 10/1/21; WSR 18-18-070, § 296-96-23117, filed 8/31/18, effective 10/1/18; WSR 07-24-041, § 296-96-23117, filed 11/30/07, effective 1/1/08. Statutory Authority: RCW 70.87.020, 70.87.030, 70.87.034, 70.87.120, 70.87.185, 70.87.190, 2002 c 98, 2003 c 143 and 2004 c 66. WSR 04-12-047, § 296-96-23117, filed 5/28/04, effective 6/30/04.]