

WAC 296-96-00675 Amendments to adopted standards. The department amends the following adopted standards:

(1) ASME A17.1/CSA B44, all amendments to this standard are as follows:

(a) Section 1.2 Purpose and Exceptions amended as follows: The purpose of this code is to provide for the safety of life and limb, and to promote the public welfare. Compliance with these rules shall be achieved by:

(i) Conformance with the requirements in ASME A17.1/CSA B44 as amended by this chapter; or

(ii) Conformance with a combination of requirements in ASME A17.1/CSA B44, this chapter, and ASME A17.7/CSA B44.7 with the following ASME A17.7/CSA B44.7 inclusions:

(A) All system or component certifications performed by an Accredited Elevator/Escalator Certification Organization (AECO) under ASME A17.7/CSA B44.7 shall be approved by the department before any such system or component is allowed to be permitted or installed in the state of Washington.

(B) The applicant shall provide the certificate of certification for the device or system evaluated by an AECO.

(C) The department has the final authority regarding acceptance of any item in ASME A17.7/CSA B44.7. The department may remove approval if a design has changed or unforeseen or undisclosed information is obtained.

(D) The department will post the specific ASME A17.7/CSA B44.7 AECO certificate including exceptions agreed upon. At that time the certificate and exceptions become part of the adopted rule in the state of Washington and not subject to a variance process. The installer shall include the certificate and exceptions and all required information on each conveyance installed utilizing the ASME A17.7/CSA B44.7 method in the Maintenance Control Program documentation.

(E) The department may charge an additional fee for each item in review based upon the variance fee table.

(iii) Additions or modifications to adopted standards and/or this chapter shall require approval from the department.

(b) Section 5.8, Marine Elevators. This section only applies to elevators installed on board a marine vessel flying the Washington state flag and under 100 gross metric tons.

(c) Section 5.11, Wind Turbine Elevator is not adopted.

(d) Section 6.1 as follows:

(i) 6.1.7.1.1 Remote Machine Room. Permanent electric lighting and at least one duplex receptacle rated at not less than 15 A, 120 V shall be provided in every remote machine room.

The illumination shall be not less than 200 lx (19 fc) at the floor level. The lighting control switch shall be located within easy reach of the access to such rooms and located so that it can be operated without passing over or reaching over any part of the machinery.

(ii) 6.1.7.1.2 Truss Interior. A duplex receptacle rated at not less than 15 A, 120 V and accessibly located shall be provided under the access plates (see ASME A17.1 CSA/B44 6.1.7.3) at the top and bottom landings and in any machine areas located in the incline.

The illumination shall be not less than 200 lx (19 fc) at the floor level. The light and lighting control switch shall be provided under the access plates (see ASME A17.1 CSA/B44 6.1.7.3) at the top and bottom landings and in any machine areas located in the incline. The lighting control switch shall be located within easy reach of the

access to such spaces and so located that it can be operated without passing over or reaching over any part of the machinery.

(e) Section 8.6 as follows: 8.6.1.4.1(b). The department does not adopt verbiage stating "records may be kept remotely from the site." This is for all conveyance types.

With the exception of those conveyances used in the "grain" industry whose conveyances do not have a secure place to house these records, the records shall be made available at the time of annual inspection.

(f) Periodic tests and inspections. Pursuant to requirements ASME A17.1/CSA B44, 8.6.1.7 and 8.11.1.3, the department adopts ASME A17.1/CSA B44, Appendix N for the frequency of periodic tests. Pursuant to RCW 70.87.120 (2)(a) periodic inspections shall be performed annually.

(g) Escalator cleaning shall be performed at least once annually. It can be performed concurrently with the required Cat I testing. (ASME A17.1, 8.6.8.13 Cleaning).

(h) Section 8.6 is adopted with the following amendments:

(i) 8.6.4.19.6: At least once each year, the fire alarm initiating devices associated with elevator recall and shunt trip initiating devices shall be tested to ensure they are still properly interfaced with the elevator control. Deficiencies shall be corrected. A record of findings shall be available to elevator personnel and the authority having jurisdiction. This test applies to electric and hydraulic elevators.

(ii) 8.6.1.4.1(c): Provide a record of findings for fire alarm initiating device testing as required by (1)(h)(i) of this subsection.

(iii) 8.6.11.1 Firefighters' Emergency Operation is amended as follows: All elevators provided with firefighters' emergency operation shall be subjected quarterly, by authorized personnel, to Phase I recall by use of the keyed switch, and a minimum of one-floor operation on Phase II. Deficiencies shall be reported to the building owner and corrected by a licensed elevator mechanic. A record of findings shall be available to elevator personnel and the authority having jurisdiction.

(iv) The department will not allow the 8.6.11.10 "Category 5 Tests Without Load Via Alternative Test Methodologies" portion of ASME A17.1 to be followed in Washington. Standard testing as outlined in ASME A17.1 shall be followed.

(i) Section 8.7 is amended as follows: 8.7.1.1 Applicability of Alteration Requirements.

When any alteration is performed, regardless of any other requirements of Section 8.7, the installation as a minimum shall conform to the following applicable code requirements:

(i) The code at the time of installation;

(ii) The code requirements for the alteration at the time of any alteration; and

(iii) ASME A17.3 if adopted by the authority having jurisdiction for major alterations only. Major alterations are considered to be controller replacements.

(2) ASME A17.3 all amendments to this standard are as follows: ASME A17.3, 3.10.3 is modified as follows: Where the car top stop switch located in the inspection control station is not accessible from the landing, a separate car top stop switch shall be provided as required by ASME A17.1/CSA B44, 2.26.1.4.2(a).

(3) Exclude all references to QEI certification in ASME A17.1/CSA B44, ASME A18.1, and ANSI/ASSP A10.4 from code adoption.

(4) All references pertaining to periodic tests, in all adopted standards, the department shall be permitted to witness periodic tests when the department deems necessary.

[Statutory Authority: RCW 70.87.030. WSR 23-17-141, § 296-96-00675, filed 8/22/23, effective 10/2/23. Statutory Authority: Chapter 70.87 RCW. WSR 21-18-096, § 296-96-00675, filed 8/31/21, effective 10/1/21; WSR 19-15-118, § 296-96-00675, filed 7/23/19, effective 9/1/19; WSR 18-18-070, § 296-96-00675, filed 8/31/18, effective 10/1/18.]