

1307.0047 SPECIAL PROVISIONS.

Subpart 1. **Scope.** The special provisions in this part apply to the design, construction, and installation of equipment governed by ASME A17.1/CSA B44-2010 and ASME A17.3-2011.

Subp. 2. **Chairlifts.** Inclined stairway chairlifts shall only be installed within a private residence or as approved in accordance with Minnesota Statutes, section 471.471. The installation shall be in accordance with ASME A18.1-2011.

Subp. 3. **Attendant-operated lifts.** Attendant-operated lifts shall only be installed in owner-occupied private residences.

Subp. 4. **Rooftop elevators.** Passenger and freight elevators are permitted at rooftops when conditioned space or rooftop elevators meeting ASME A17.1/CSA B44-2010 5.6 are provided.

Subp. 5. **Winding drum machines.** Except as permitted in the ASME Code for private residence elevators, chairlifts, and wheelchair platform lifts, winding drum machines are not permitted on new elevator installations, as replacements on existing installations, or on elevators undergoing a use conversion or classification change.

Subp. 6. **Horizontal swing doors.** Horizontal swing doors of single-section or center-opening two-section design are not permitted as hoistway doors on new elevator installations or as replacement hoistway doors on existing installations, except for private residential elevators, or when the authority having jurisdiction approves their installation or replacement when conditions make it impossible to install approved types of doors.

Subp. 7. **Elevator equipment room signage.** Elevator equipment rooms shall have a permanent sign attached to the equipment room door or adjacent to the equipment room door. The sign shall read in no less than 0.5-inch letters "Elevator Equipment Room." On elevators with remote equipment rooms, signs reading in no less than 0.5-inch letters "Elevator Equipment Room Access" shall be provided on or adjacent to doors leading to the machine room.

Exception: Elevator equipment room access signage is not required if the building is staffed with a 24-hour security guard or 24-hour maintenance personnel able to assist emergency personnel to the location of the elevator equipment room.

Subp. 8. **All work required for compliance with ASME A17.1/CSA B44-2010 8.6.5.8 Safety Bulkhead.** All work required for compliance with ASME A17.1/CSA B44-2010 8.6.5.8 shall be completed within 60 months of January 29, 2007. Failure to complete the work within the required time period will result in the elevator being removed from service until such work has been completed.

Starting 12 months after January 29, 2007, until the elevator complies with ASME A17.1/CSA B44-2010 8.6.5.8, the owner or owner's agent shall annually submit a notarized statement that an oil usage log is being properly utilized by the owner or owner's agent or elevator maintenance company and that the elevator has successfully passed the annual tests required by ASME A17.1/CSA B44-2010 8.6.5.14.1 and 8.6.5.14.2. A copy of the test report shall be included with the statement.

Subp. 9. **All work required for compliance with ASME A17.1/CSA B44-2010 8.6.5.8 Bulkhead Material Transfer Device.** Elevators shall not be converted to a material transfer device (vertical reciprocating conveyor) without meeting the requirements of ASME A17.1/CSA B44-2010 8.6.5.8, Safety Bulkhead. A material transfer device shall comply with ASME B20.1-2009.

Subp. 10. **All work required for compliance with ASME A17.3-2011 2.7.5 Restricted Opening of Hoistway Doors and Car Doors on Passenger Elevators.** All work required for compliance with ASME A17.3-2011 2.7.5 shall be completed within 60 months of January 29, 2007. Failure to complete the work within the required time period will result in the elevator being removed from service until such work has been completed.

Subp. 11. **All work required for compliance with ASME A17.3-2011 3.11.3 Firefighter's Service.** All work required for compliance with ASME A17.3-2011 3.11.3 shall be completed within 60 months of January 29, 2007. Failure to complete the work within the required time period will result in the elevator being removed from service until such work has been completed.

Exception: Existing elevators with Phase I emergency recall installed without Phase II fire service on the original installation may remain in operation without the addition of Phase II fire service where there is travel from the designated level of less than 35 feet. For such elevators with a travel of more than 25 feet from the designated level, to be exempt from the requirement for Phase II fire service, recall of the elevator shall be from the smoke detector at each elevator landing, the elevator equipment room, and the elevator key switch at the designated landing.

Subp. 12. **All work required for compliance with ASME A17.3-2011 4.3.3 Hydraulic Elevators.** All work required for compliance with ASME A17.3-2011 4.3.3 shall be completed within 60 months of January 29, 2007. Failure to complete the work within the required time period will result in the elevator being removed from service until such work has been completed.

Starting 12 months after January 29, 2007, until the elevator complies with ASME A17.3-2011 4.3.3, the owner or owner's agent shall submit annually on a notarized statement that an oil usage log is being properly utilized by the owner or owner's agent or elevator maintenance company and that the elevator has successfully passed annual tests required

by ASME A17.1/CSA B44-2010 8.6.5.14.1 and 8.6.5.14.2. A copy of the test report shall be included with the statement.

Subp. 13. **ASME A17.1/CSA B44-2010 8.10.4.1.1(p)(5) Clearance between step and skirt (load gap) and ASME A17.1/CSA B44-2010. 8.10.4.1.1(t) step/skirt index.** Where an existing escalator or moving walk requires alteration to comply with ASME A17.1/CSA B44-2010 6.1.3.3.9 and ASME A17.1/CSA B44-2010 8.6.8.3, all work shall be completed within 36 months of January 29, 2007. This 36-month period to achieve compliance only applies to those escalators that fail to meet the test requirements of the referenced rule. Failure to complete the required work within the applicable time period will result in the escalators being removed from service until such work has been completed.

Subp. 14. **ASME A17.3-2011 5.1.11 Step/skirt performance index.** Where an existing escalator requires alteration to comply with ASME A17.3-2011 5.1.11, all work shall be completed within 36 months of January 29, 2007. This 36-month period to achieve compliance only applies to those escalators that fail to meet the test requirements of the referenced rule. Failure to complete the required work within the applicable time period will result in the escalators being removed from service until such work has been completed.

Subp. 15. **ASME A17.3-2011 2.2.4 Temperature control.** Machine rooms shall be provided with natural or mechanical means to avoid overheating of the electrical equipment and to ensure safe and normal operation of the elevator.

Subp. 16. **Newly constructed parking ramps or new construction in an existing parking ramp.** Newly constructed and altered elevator hoistways in parking ramps shall maintain a conditioned temperature between 50 and 90 degrees F.

Statutory Authority: *MS s 16B.59; 16B.61; 16B.64; 16B.748; 326B.02; 326B.101; 326B.106; 326B.13; 326B.187*

History: *31 SR 935; L 2007 c 140 art 4 s 61; art 13 s 4; 39 SR 91*

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