

875—73.8(89A) Maintenance, repairs and alterations.

73.8(1) All maintenance, repairs and alterations shall comply with ASME A17.1-2007/CSA B44-07 or ASME A17.7-2007/CSA B44-07, as applicable, except as noted in 73.8(3) and 73.8(4).

73.8(2) All maintenance, repairs and alterations to devices covered by ANSI A117.1 shall comply with ANSI A117.1 (2003), except for rule 407.4.6.2.2.

73.8(3) The provisions of ASME A17.1-2007/CSA B44-07 and ASME A17.1S-2005, Rule 2.2.2, that require a pit sump or drain shall not apply to an elevator alteration when all of the following criteria are met:

- a.* No other code or rule requires that the pit be excavated or lowered.
- b.* The alteration plans do not include the excavation or lowering of the pit floor for any other reason.
- c.* Evidence that groundwater has not entered the pit previously.
- d.* The location and geology of the building indicate a likelihood that groundwater would enter the pit if the foundation or pit floor were breached to install the pit sump or drain.
- e.* A description of alternative means to maintain the pit in a dry condition is provided to the labor commissioner with the alteration permit application.
- f.* The labor commissioner approves the alternative means to maintain the pit in a dry condition.
- g.* The alternative means to maintain the pit in a dry condition are installed or implemented as described in the alteration permit application.

73.8(4) The full length of the platform guard set forth in ASME A17.1-2007/CSA B44-07 and ASME A17.1S-2005, Rule 2.15.9.2(a), shall not be required if all of the following criteria are met:

- a.* No other code or rule requires that the pit be excavated or lowered.
- b.* The alteration plans do not include the excavation or lowering of the pit floor for any other reason.
- c.* A full-length platform guard would strike the pit floor when the elevator is on its fully compressed buffer.
- d.* The clearance between the bottom of the platform guard and the pit floor is 2.5 centimeters (1 inch) when the elevator is on its fully compressed buffer.