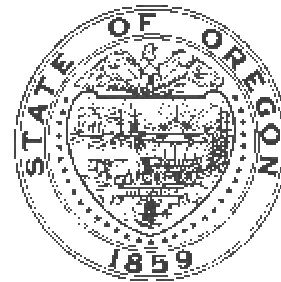


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December 13, 1999

ELEVATOR SAFETY PROGRAM CODE INTERPRETATION

OR 1999-004

Applies to all new installations and alterations.

Subject: Conduit Runs through Machine Rooms
Rule No: ASME A17.1b, 1998, Rule 102.1
ASME Interp: N/A
Effective: December 13, 1999

Question: Does the code allow electrical conduit for equipment in the elevator pit or hoistway to be run through the elevator machine room?

Rule 102.1 Installation of Electrical Equipment and Wiring in Hoistways and Machine Rooms. *Wiring installed for the purposes indicated in this rule are only to enter hoistways, machine rooms and machinery spaces to the extent necessary to provide for proper installation of the device attached thereto.*

This Oregon modification to Rule 102.1 is specifically intended to prohibit conduit runs that utilize the machinery space merely for convenience. However, where the conduit runs are specifically related to the elevator installation, it is permissible to run from the machine room to the pit or hoistway for the purposes of supplying pit lighting and receptacles, heat and smoke detectors, and sump pumps.

However, due to the presence of numerous and varied types of elevator hoistway equipment, conduit runs in the elevator hoistway must be limited. Therefore, it is not permissible to use the hoistway as a chase between the pit area and the top of the hoistway for the purposes listed above. Conduits entering the hoistway must terminate at the device for which it is intended to supply.

James R. Runyan
Chief Elevator Inspector