

Elevators, Boilers, and Pressure Vessels – Proposed Regulatory Changes

120-3-25-.15 Existing Installation General

(9) All existing automatic passenger and freight elevators shall comply with ASME A17.3 Section 3.10.12 within three (3) years of the effective date of this rule.

120-3-25-.20 New Installation General [Revision]

(6) All residential elevators will be required to have a machine room, control room, machinery space, or control space with proper electrical clearance with the door in the closed position with the exception of machine room less elevators that have all equipment located in the hoistway.

120-3-26.07 New Installation of Boilers and Installation of Secondhand Boilers or Pressure Vessels

(10)(a) Each boiler room containing one or more boilers or hot water heaters or pressure vessels from which carbon monoxide can be produced shall be equipped with a carbon monoxide detector with a manual reset. The requirements of this subsection apply to boiler rooms in which new installations or reinstallations of one or more boilers are completed.

(1) The carbon monoxide detector will alarm at 50 ppm and boiler(s) shall be interlocked to disable the burners when the measured level of carbon monoxide rises above 200 ppm.

(2) The carbon monoxide detector shall disable the burners upon loss of power to the detector.

(3) When the carbon monoxide detector trips in the boiler room, the detector should be interlocked with all boilers or hot water heaters or pressure vessels installed in the space to secure the fuel burning equipment thus stopping the production of carbon monoxide.

(4) The carbon monoxide detector shall be calibrated every eighteen months after installation or in accordance with the manufacturer's recommendations, whichever is more frequent. A record of calibration shall be posted at or near the boiler or be readily accessible to an inspector.

(5) The carbon monoxide detector shall be installed and function in accordance with all other regulations and standards adopted by the Commissioner.

(6) Any boiler room that is monitored by a full-time boiler operator is exempt from the safety shutdown, as defined in ASME CSD-1. The presence of a full-time boiler operator does not exempt such boilers from the alarm requirement.

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(5) The repair facility shall register all R-1 and R-2 forms with the National Board.