

ELEVATING DEVICES SAFETY CLARIFICATION BULLETIN

STANDATA

DECEMBER 2009

ED-2009-005

Elevating Devices Codes Regulation (New Installations)

NOTICE TO OWNERS:

This STANDATA is being issued by Alberta Municipal Affairs and the Safety Codes Council's Elevator Technical Council to clarify the Firefighters' Emergency Operation (FEO) requirements adopted by the Elevating Devices Codes Regulation AR 62/2009 on May 01, 2009.

CLARIFICATION:

- (1) All new automatic elevators must have (FEO) except where;
The travel does not exceed 7000 mm

Rationale:

Currently under the Alberta Building Code Lifts for Persons with Physical Disabilities (LPPD) which may have a travel of 7000 mm or less, FEO is not required. Therefore, an elevator that is substituted for LPPD would not require FEO either. Therefore the following is eliminated Firefighters' Emergency Operation shall apply to all automatic elevators except where the hoistway or a portion thereof is not required to be fire-resistive construction (see 2.1.1.4), the rise does not exceed 2 000 mm (80 in.), and the hoistway does not penetrate a floor

- (2) All new automatic elevators having FEO must have recall initiated by;
- Building fire alarm system or
 - Where there is no building fire alarm system, a dedicated elevator fire alarm system must be provided with detectors in;
 - a. Machine room
 - b. Each lobby
- (3) Elevator Emergency Power is only required for elevators located a "High Building" category as defined by the Alberta Building Code 2006 (ABC).
- (4) All new elevators with FEO shall have a pit drain or sump pump capable of removing water 11.4 m³/h.
- (5) Where a new elevator pit is subject to ground water, no accumulation of water is permitted.
- (6) No hydraulic elevator shall discharge hydraulic oil into the sanitary or storm sewer in excess of municipal bylaws or provincial regulations [See Plumbing STANDATA P-09-01-NPC 05]

ADDITIONAL INFORMATION

For further information, please contact the Alberta Elevating Devices and Amusement Rides Safety Association (AEDARSA).

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Issue of this STANDATA is Authorized by
the Administrator on behalf of the SCC

[Original Signed]
Al Griffin



SAFETY CODES COUNCIL