



Alberta Elevating Devices
& Amusement Rides
Safety Association

INFORMATION BULLETIN IBE19-001 Issued 2019

Issue Date: January 22, 2019

Issue: Emergency Power Operation and Firefighters Emergency Operation

Testing: How do elevator service providers and owners confirm that Elevator Emergency Power (**EPO**) and Elevator Firefighter's Emergency Operation (**FEO**) meet the MCP Category -1 Tests?

Background:

1. Effective September 1, 2017 it became mandatory that all elevating devices in Alberta to have a Maintenance Control Plan (MCP).
2. The Elevating Devices Codes Regulation states the MCP have Category-1 Test conducted annually.
3. The Category -1 Test includes Elevator Emergency Power and Elevator Firefighter's Emergency Operation testing.
4. Code in effect; ASME A17.1 -2013/CSA B44-13
5. Code Requirements: FEO clause 8.6.4.19.6 and EPO clause 8.6.4.19.7

AEDARSA Policy:

To meet the requirements for the annual testing the annual category testing of Elevator Emergency Power and Elevator Firefighter's Emergency Operation the following is to be verified in writing, signed (by authorized personnel conducting tests) and posted in the logbook.

1. **Elevator Emergency Power Operation (EPO) Clause (8.6.4.19.7)**
 - a. Simulate a power failure at the elevator controller and ensure that;
 - i. Emergency Power light is activated.
 - ii. When there are multiple elevators, test the selector switch for code compliance.
 - b. Confirm that the owner (review records) has tested the emergency power generator in compliance with the fire code (annually).



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2. Firefighters Emergency Operation: (FEO) Clause (8.6.4.19.6)

- a. Test FEO phase 1 & 2 in accordance with applicable code at the time the elevator was installed or altered using the appropriate keys.
- b. Where building fire alarm system interfaces with the elevator those Fire Alarm Initiating Devices (FAID) will be tested at the elevator controller by simulating a FAID input.

Regulatory Requirements and Action Plan:

1. *AEDARSA enforces the requirements of the code:*
ASME A17.1 -2013/CSA B44-13 **FEO** clause 8.6.4.19.6/**EPO** clause 8.6.4.19.7
2. *Noncompliance:*
If there is a non-compliance and the owner will not comply to the necessary repairs the elevator is to be removed from service. The SCO notify the device owner and complete (submit) a Shutdown Form (eda160/rev4/11)

AEDARSA path forward: to be IMPLEMENTED IMMEDIATELY

- Notification to: Elevator Companies
- Inform all AEDARSA SCO's - email
- Post information bulletin online and in AEDARSA ADVISOR

Original signed by:

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