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# STANDATA interpretation 19-EDI-001

## Elevating Devices

### Periodic testing and witnessing of testing

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### Purpose

This interpretation clarifies responsibility of periodic testing and witnessing testing as set out in 8.6 and 8.11 of ASME A17.1/CSA B44 Safety Code for Elevators and Escalators.

### Discussion

A Safety Codes Officer (SCO) in the elevating devices discipline is one part of the safety system; the other part is the elevator constructor/elevator mechanic. Both are important in ensuring elevating devices are operating safely and compliant with the acts, regulations, and codes adopted in Alberta.

### Responsibility

#### 1) Owners of elevating devices

The owner of an elevating device is required to ensure their devices are compliant with the acts, regulations and safety codes. Owners typically employ elevator constructors through a service provider to help achieve compliance. In Alberta, an owner of an elevating device will provide a safety inspection report as prescribed by the authority having jurisdiction.

#### 2) Authorized Accredited Agencies

Section 8.11 requires periodic in-service inspections to be performed on existing devices as set out by the authority having jurisdiction.

Authorized Accredited Agencies collectively perform hands-on compliance monitoring of the *Safety Codes Act* through in-service inspections. Requirements of witnessing compliance under 8.11 of the ASME A17.1/CSA B44 safety code for elevators are achieved through a variety of methods such as logbooks on site and declarations submitted to Alberta Elevating Devices and Amusement Ride Safety Association (AEDARSA).

#### 3) Elevator Mechanic (Elevator Constructor)

Unless stated otherwise, all Code references in this STANDATA are to ASME A17.1-2019/CSA B44:19

Issued by the Provincial Elevating Devices Administrator

*[Original Signed]*

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The elevator mechanic is required to ensure elevating devices are compliant with the Acts, Regulations and Safety Codes for the services they provide. While the ASME A17.1/CSA B44 section 8.11 and 8.6 are interrelated for periodic testing, these requirements are the responsibility of the service provider and the elevator mechanic.

## Code References

### ASME A17.1/CSA B44 Section 8.6.1.7

8.6.1.7 Periodic Tests. The frequency of periodic tests shall be established by the authority having jurisdiction as required by 8.11.1.3.

NOTE: The recommended intervals for periodic tests can be found in Non-mandatory Appendix N.

### ASME A17.1/CSA B44 Section 8.11

**8.11.1.1.2** Periodic Tests (a) Periodic tests as required in Section 8.6 shall be performed by elevator personnel that are qualified to perform such tests. These tests shall be witnessed by an inspector (see 8.11.1.1) employed by the authority having jurisdiction or by persons authorized by the authority having jurisdiction.

**8.11.1.3** Periodic Inspection and Test Frequency. The frequency of periodic inspections and tests shall be established by the authority having jurisdiction.

NOTE: Recommended intervals for periodic inspections and tests can be found in Non-mandatory Appendix N.

## Application

This interpretation applies to all elevating devices regulated under the ASME A17.1/CSA B44 safety code for elevators and escalators and aligns with Alberta's safety system.

## Interpretation

ASME A17.1/CSA B44 allows the frequency and witnessing of periodic tests to be established by the authority having jurisdiction.

Persons must have training, be experienced, and hold an Alberta Trade Certificate in the trade of Elevator Constructor to perform testing. Witnessing of testing must be performed by a Safety Codes Officer (SCO) certified by the Safety Codes Council. Witnessing may include a review of logbooks on site and declarations.

All Category 1 testing must be completed annually within the current year (January 1 to December 31).

## Frequency of testing

Testing shall be performed at intervals as follows:

- a) **Category 1** tests are performed annually;
- b) **Category 3** tests are performed every 3 years; and
- c) **Category 5** tests are performed every 5 years.

This INTERPRETATION is applicable throughout the Province of Alberta.