Information Bulletin No. IBE20-006 ISSUED Jan 31, 2020

Subject: Missing Seals and Recalibration of Elevators Safety Devices

Issue: What steps must an Elevating Device Service Provider (EDSP) take when Seals are found to be missing on elevator components during routine maintenance visits or recalibration of a safety device is required?

Background:
While conducting annual inspections Safety Codes Officers are finding Seals that are missing from elevator components that require recalibration and testing for safe operation.

When Seals are observed to be missing, or cut, or safety device has been altered, elevators must be removed from service. It is mandated that testing be performed and the Seal affixed before the elevator is returned to public operation.

In accordance with ASME A17.1-2013/CSA B44-13 Seals are required to be intact and adhered to the following components:

- **Machine Brakes** *(ASME A17.1-2013/CSA B44-13 clause 8.6.4.6.2, 8.6.4.20.4)*
- **Governors** *(ASME A17.1-2013/CSA B44-13 clause 8.6.4.12.1, 8.6.4.20.2)*
- **Relief Valves** *(ASME A17.1-2013/CSA B44-13 clause 8.6.5.9)*
- **Overspeed Valves** *(ASME A17.1-2013/CSA B44-13 clause 8.6.5.13, 8.6.5.16.5)*

Requirement:
In pursuit of promoting safe operating conditions for Elevating Devices, AEDARSA will provide Declarations available to EDSP's and Building Owners to enhance compliance with the *Elevating Devices Codes Regulation* and ASME A17.1/CSA B44.

EDSP's now have an opportunity to perform testing, affix temporary seals and submit a Declaration for a Device PRIOR to Testing witnessed by a Safety Codes Officer at a later date.

Where it is observed that a Seal is missing on a safety component during routine maintenance or inspection, the elevator shall be removed from service, have the required testing completed and Declaration submitted to AEDARSA prior to public use.

Implementation:
This information bulletin comes into force **April 1, 2020.**

Signed:

Dean McKernon
AEDARSA, VP of Operations

TYPE: Information	Missing Seals and Calibration Elevators	REGULATION: Elevating Devices Code

Drive Machine Brake Test Data Sheet

Building Name	Address
Government E #	
Elevator Number	
Maintenance Company	
Item/Device	Test Results/Comments/(✓)
Make of Machine Brake	
Model of Machine Brake	
Car Rated Load	
a) Hold Car at rest with 125% rated load.	
b) Hold empty Car at rest.	
c) Decelerate empty Car travelling in up direction from speed at which the governor overspeed is set.	
d) Elevators installed under CSA B44-00 and later editions, comply with ASME A17.1-2013/CSA B44-13 8.6.4.20.4 (brake marking plate).	
e) Seal and periodic test tag to comply with ASME A17.1-2013/CSA B44-13 8.6.1.7.2 affixed to brake to prevent readjustment of holding capacity.	
f) Alternative Test Method for Driving-Machine Brakes.	
Attach Seal Number or Identifying Markings	
Date of Test	
Name of Mechanic	Signature

Note: This Data Sheet must be submitted to AEDARSA when an alteration has been made, after testing completed and placed in MCP on-site.

This Data Sheet will be used for the following:

1. Any change to Machine Brake that will affect holding capacity or missing seal

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Governor and Safeties Test Data Sheet

Building Name	Address
Government E #	
Elevator Number	
Maintenance Company	

Item/Device	Test Results/Comments
Make of Governor	
Model of Governor	
Speed of Elevator	
Over speed switch tripping speed	
Tripping Speed of Jaws	
Type of Safeties Note*	
1. Pull Through force	
2. Pull on (out) Force	
3. Pull out of Governor Releasing Carrier	
4. Number turns left of drum of tiller rope	
5. Slide Distance of Safeties	
Note* Car Rated Load is required for testing	
Attach Seal Number or Identifying Markings	

Date of Test:	
Name of Mechanic:	Signature:

Note:

This Data Sheet must be submitted to AEDARSA when an alteration has been made, after testing completed and placed in MCP on-site.

This data sheet will be used for the following

1. Any Changes to the Governor, Safeties or missing seal

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Overspeed Valve Test Data Sheet

Building Name	Address
Government E #	
Elevator Number	
Maintenance Company	

Item/Device	Test Results/Comments/(✓)
Make of Overspeed Valve	
Model of Overspeed Valve	
Car Rated Load	
Car Rated Speed	
a) Valve maintained in accordance with the manufacturer's recommendations	
b) Stop the car, traveling down with rated load, within the specified limits (110% - 140% operating speed down. *In no case exceed 60ft/min above elevator rated speed).	
c) Speed Overspeed valve is activated	
Attach Seal Number or Identifying Markings	
Date of Test:	
Name of Mechanic:	Signature:

Note:

This Data Sheet must be submitted to AEDARSA when an alteration has been made, after testing completed and placed in MCP on-site.

This Data Sheet will be used for the following:

1. Any change to adjustment means on Overspeed Valve or missing seal