



Alberta Elevating Devices
& Amusement Rides
Safety Association

Information Bulletin No. IBE17-006

Issued 2017

Subject: Record keeping for Testing Driving Machine Service Brakes

Issue:

To provide owners and elevator service providers a more in-depth record of the machine service brake performance the test shall be recorded as part of AEDARSA's acceptance inspection procedures.

Tests:

The following machine service brake performance test shall be witnessed and recorded in addition to the current witnessing of tests that AEDARSA currently completes;

1. The machine service brake shall be tested in the down direction at 125% of full load in the car to stop and hold the car without the aid of the emergency brake or electrical dynamic braking
2. Then the machine service brake shall be tested in the up direction with no load in the car to stop and hold the car without the aid of the emergency brake or electrical dynamic braking.
3. When the tests of the machine service brake are complete, the brake is to be sealed according to ASME A17.1-2013/CSA B44-13 clauses 8.6.4.20.4 and 8.10.2.2.2(v)
4. Ensure the data and information recorded on the data tags according ASME A17.1-2013/CSA B44-13 clauses 8.10.2.2.2(v) and 8.10.1.1.4.

General Note:

The *Alberta Elevating Devices Codes Regulation AR 192/2016 Section 22* also requires that driving machine brake be tested annually as part of normal maintenance procedures.

Implementation:

This information bulletin is implemented immediately

Original signed by:

Dean McKernon
AEDARSA VP of Operations