



Alberta Elevating Devices
& Amusement Rides
Safety Association

Information Bulletin No. IBE20-022 ISSUED October 27, 2020

Subject: Category-5 without Load or Baseline via Alternative Test Methodologies

Issue:

What and how many tests documents must be sent to AEDARSA by an Elevating Device Service Provider (EDSP) to verify acceptance of “Alternate Means of Testing” being acceptable in **Alberta as it applies to Category-5 Testing?**

Background:

1. On December 15, 2015 the *Elevating Devices Codes Regulation* came into enforce adopting ASME A17.1-2013/CSA B44-13 Safety Code for Elevators and Escalators in Alberta.
2. **Previously**, one of the provisions in the ASME A17.1-2013/CSA B44-13 Section 8.6 Maintenance Control Plan (MCP) requires all elevators car and counterweight safeties, car buffer tests, emergency-brake machine service-brakes, traction and traction limits where required to be subjected to a full load test known as a “Category-5 test”.
3. **On July 7, 2020 an AECO Certificate was issued by the Liftinstitute (Netherlands) to permit the testing of Category 5 tests without a load or without baseline once an initial acceptance inspection had been completed previously.**
4. The first cycle Category-5 Test must be completed by 2022 and subsequent tests be completed every year thereafter on or before the anniversary date of the first 5-year test.
5. Historically the safety tests were completed using test weights however; it has been recognized by ASME A17.1-2013/CSA B44-13 Clause 8.6.11.10 that alternate means of testing can be employed provided it meets all requirements of the code.

Requirements:

1. Category-5 without load via alternative test methodologies is permitted to used in Alberta as follows;
 - a. All requirements as set ASME A17.1-2013/CSA B44-13 Clause 8.6.11.10 are implemented except that a baseline is not required after the initial inspection is completed.

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- b. Only EDSP with an MCP can perform the ASME A17.1/CSA B44 Category-5 tests to meet Elevating Devices Codes Regulation requirements.
- c. All Elevator Device Service Providers (EDSP) must forward compliance copies to AEDARSA of the following to confirm they are in compliance with the requirements;
 - i. List of “Alternate Means Test” document for the first series tests completed at five (5) different sites. (One test report for one elevator at five different sites for each of the trained elevator mechanics).
 - ii. List of mechanics along with a certificate verifying they have been trained by the company supplying “Alternate Means Test Tools”.
- d. All test report must be added to the logbook so they cannot be readily removed.
- e. A metal data Test Tag must be provided as required in 8.6.1.7.2)
- f. If the testing fails to function properly AEDARSA is to notified immediately.

Note: Once AEDARSA has reviewed the EDSP compliance documents AEDARSA will issue a letter indicating the EDSP may continue to use the “Alternate Means of Testing for Category-5 Tests in lieu of test weights or a baseline.

Implementation:

This information bulletin is effective October 26th , 2020

Original signed by:

Dean McKernon
AEDARSA, VP Operations

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