



INFORMATION BULLETIN

ED 2018-02

Issue Date: OCTOBER 15, 2018

Issue: Category 5 Alternative Testing methods permitted, as per clause 8.6.11.10.1 of ASME A17.1/CSA B44, the method must be approved by AEDARSA.

Alberta Policy

Category-5 without Load via Alternative Test Methodologies

Background:

- 1) The *Elevating Devices Codes Regulation* declared enforce, adopting ASME A17.1/CSA B44 Safety Code for Elevators and Escalators, in Alberta.
- 2) One of the provisions in the ASME A17.1/CSA B44 Section 8.6 Maintenance Control Plan (MCP) requires all elevators car and counterweight safeties, car brakes and buffers to be subjected to a full load test known as a “Category-5 test”.
- 3) 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.
- 4) Historically the safety tests were completed using test weights however; it has been recognized by ASME A17.1/CSA B44 Clause 8.6.11.10 that alternate means of testing can be employed provided it meets all requirements of the code.



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Requirements:

- 1) Category-5 *without load* via alternative test methodologies is permitted to be used in Alberta as follows;
 - a) All requirements as set out in ASME A17.1/CSA B44 Clause 8.6.11.10 are implemented.
 - b) A test using test weights must be used to establish a benchmark at the same time the alternate means of testing method is being employed for each elevator.
 - c) The two tests must produce similar values for the alternate means of testing to be used in lieu of testing with weights in the future.
 - d) The results of the testing, described above, are to be submitted to AEDARSA.

Implementation:

The practice as set out as above is implemented immediately and remain in effect until further notice.

Signed



Dean McKernon
Vice President, AEDARSA