Subject: Understanding Category-5 Test Record Requirements

Issue:
What must be done to ensure that all records of Categry-5 Testing are completed correctly?

Background:
In 2015 the Elevating Devices Codes Regulation AR195/2015 adopted the ASME A17.1-2013/CSA B44-13 Safety Code for Elevator and Escalators that require all elevating devices under that code to have a Maintenance Control Plan (MCP).

The Alberta Regulation AR 195/2015 in conjunction with MCP required testing of the elevating devices be carried-out as follows:
  a. Category-1 Test be Yearly and to be completed by December 31 of the calendar year.
  b. Category-5 Test be every 5 years no later than December 31, 2022 or no later from the previous Category-5 test.

Requirements:
To ensure that Category-5 tests are being completed and recorded accurately, the subsequent **Parts** must be followed.

Part-1 MCP Requirements
Complete the required procedures as set out in Elevating Device Service Provider (EDSP) MCP Category 5 Test Section:

a. EDSP Specific Test must be followed including:
  i. Unique Procedure based on ASME A17.7 and AECO Certificates.

b. If there are no EDSP specific tests the requirements of ASME A17.2 Guide for Inspections of Elevators, Escalators and Moving Walks shall be followed.

c. **Alternate means of testing** may be used in lieu of weights under certain conditions provided that EDSP follows the requirements set out in AEDARSA Information Bulletin IBE20-022.

Part-2 Category - 5 Test Tag Records:
There are many different test tags and record requirements for elevating devices under the ASME A17.1/CSA B44. This information bulletin only deals with Category -5 Test Records.

TYPE: Information	DESCRIPTION: CAT-5 TEST TAGS RECORDS	REGULATION: Elevating Devices Code

Examples of "Test Tags Records" and their location are shown on the following area or devices having specific information requirement for each tag.

Data tags must be engraved. Markers are not a permanent means and must not be used to mark data plates.

a. Controller

Example

ELECTRIC ELEVATOR - PERIODIC TEST REQUIREMENTS TAG

PERSON OR FIRM PERFORMING TEST:

TEST CATEGORY: 5   A= Alt. Testing

REQ. #<2007	a-2008>	TEST ITEM	A	TEST DATE
8.11.2.3.1	8.6.4.20.1	CAR SAFETY		
8.11.2.3.1	8.6.4.20.1	COUNTERWEIGHT SAFETY		
8.11.2.3.2	8.6.4.20.2	CAR GOVERNOR		
8.11.2.3.2	8.6.4.20.2	COUNTERWEIGHT GOVERNOR		
8.11.2.3.3	8.6.4.20.3	CAR OIL BUFFER		
8.11.2.3.3	8.6.4.20.3	COUNTERWEIGHT OIL BUFFER		
8.11.2.3.4	8.6.4.20.4	BRAKING SYSTEM (LOAD)		
8.11.2.3.5	8.6.4.20.5	STANDBY POWER OPER <2010		
8.11.2.3.6	8.6.4.20.6	EMERG. & TERM. SPD. LIM.		
8.11.2.3.7	8.6.4.20.7	POWER OPENING OF DOORS		
8.11.2.3.8	8.6.4.20.8	LEVELING ZONE AND SPEED		
8.11.2.3.9	8.6.4.20.9	INNER LANDING ZONE		
8.11.2.3.10(a)	8.6.4.20.10(a)	EMERGENCY STOPPING DISTANCE		
8.11.2.3.10(b)	8.6.4.20.10(b)	TRACTION TEST		
	8.6.4.20.11(a)	E. BRAKE - ACOSP TEST		
(2016>)	8.6.4.20.11(b)	E. BRAKE - UIMP TEST		

NOTE

This is only a sample of a Data Tag Record for electric elevators.

Cat-5 Testing and Tags also includes the following devices:
1. Hydraulic Elevators
   a. Plunger Gripper Etc.
2. LULA
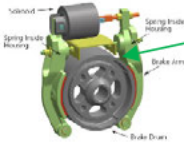3. Material Lifts (2019 code)
4. Dumbwaiters (2019-code)

b. Governors

Governors
a. All seals must be intact.
b. Pull through and Pull out must be completed.
c. Overspeed test must be completed.
d. After completion of the test, a metal tag, indicating the date of the test, together with the name of the person or firm who performed the test, shall be attached.

c. Buffers

e. After completion of the test, a metal tag, indicating the date of the test, together with the name of the person or firm who performed the test, shall be attached.

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a. Once the Category-5 test is complete the holding capacity shall be sealed. The Seal shall bear the identification of the person or firm that installed it.

Part-3 Logbook

Each logbook must be completed with the date of the individual test and signature of the person and firm completing the tests.

Part-4 Non-compliance

a. Where a test is conducted and fails to meet the requirements of ASME A17.1/CSA B44 the device shall be immediately removed from service until such times as remedial action is taken. Additional testing must be completed to confirm the device is safe to return to operation.

b. All non-compliances are to be noted in the logbook and AEDARSA notified in writing.

General Notes:

a. Category-1 test still must be completed on a yearly basis.

b. For additional information concerning the construction/design of the metal test tag record on the controller (see information bulletin IBE19-003)

c. If you require additional information, please contact AEDARSA: Edmonton 780-448-0184 or Calgary 403-216-5750

Implementation:

This information bulletin is implemented June 1, 2021.

Original signed by:

Dean McKernon
AEDARSA VP of Operations

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