

June 2014

ED-2014-001

**Hydraulic Control Valves**

**Issue:**

This information bulletin is to clarify the testing requirements for newly replaced hydraulic control valves.

**Interpretation, Policy or Procedure:**

Replacement of any hydraulic control valve, whether make or model is same or different than the original, shall be tested as follows:

1. Where a control valve is replaced with a valve of a **different make and model**, the speed of the car shall be verified **with rated load** and with no load, in both directions.
2. Where a control valve is replaced with a valve of the **same make and model**, but the no load speed in the down direction of the original valve cannot be determined, the speed of the car shall also be verified **with rated load**, and with no load, in both directions.
3. Where a control valve is replaced with a valve of the **same make and model**, and the no load speed in the down direction is set to the **same** value as the original valve, the speed of the car may be verified **with no load** in both directions.

**Supporting Documentation**

Elevating Devices Codes Regulation 62/2009 and ASME A17.1-2007/CSA-B44-07

**8.10.3.3.2 (o)** Where an existing control valve is replaced or where relief or check valves or the supply piping and fittings are replaced with a valve of a different type see 8.7.3.24 tests shall be performed as specified in 8.10.3.2.2 (t), (u), (v), (y) and 8.10.3.2.3 (cc).

**8.10.3.2.3(cc)** *Car Speed [3.28.1(k)]*. The speed of the car shall be verified with rated load and with no load, in both directions (Item 3.30).

**Procedure:**

When hydraulic control valve is replaced the **EDA 092 rev1.14** document (available at [www.aedarsa.com](http://www.aedarsa.com)) must be completed by the elevator contractor and sent to AEDARSA within 24-hours of the replacement.

**Authority to Seal the Relief Pressure:**

A temporary seal is required to be placed on the relief pressure setting once a procedure is completed by an elevator contractor. Only a Safety Codes Officer that is designated by the Safety Codes Council to an agency listed in the Authorized Accredited Agency is permitted to remove a temporary seal and replace it after confirmation of documentation with AEDARSA.

**ADDITIONAL INFORMATION**

For further information, please contact the Alberta Elevating Devices and Amusement Rides Safety Association (AEDARSA).

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Issue of this STANDATA is authorized by  
the Administrator of Elevating Devices

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SAFETY CODES COUNCIL