

New Standard for Elevator Suspension, Compensation, and Governor Systems

Purpose:

This STANDATA bulletin has been developed to provide guidance regarding the application of *ASME A17.1-2013/CSA B44-13, Safety Code for Elevators* which makes reference to *ASME A17.6-2010, Standard for Elevator Suspension, Compensation and Governor Systems*. The *ASME A17.6* standard sets out more stringent requirements for wire rope discard criteria than those stipulated in the previous *Regulation AR 62/2009*.

Background:

On March 1, 2016 *ASME A17.1-2013/CSA B44-13* became law under the new *Elevating Devices Codes Regulation AR 192/2015*.

- It specifically makes references for suspension and compensation means and governor systems to provide safe, consistent criteria for steel wire rope, aramid fiber rope, and noncircular elastomeric coated steel suspension members used in the elevator industry.
- It states that the inspection of suspension means, compensation means and governor ropes applies to all existing elevating devices and shall be replaced when they no longer conform to the requirements of *ASME A17.6*.
- *ASME A17.6* sets out more stringent requirements for wire rope discard criteria than in the previous *Regulation AR 62/2009*.
- When applying criteria under the *ASME A17.6* standard to determine loss of diameter, the wire rope gauge used must reference *A17.6* spec on the tool.
- The adoption of the above standards in Alberta is intended to enhance public safety and provide consistent criteria for suspension means used in the elevator industry.

Path Forward:

- Safety Codes Officers must now use the new wire rope gauges to determine compliance as set out in the *ASME A17.6-2010* standard.

Issue of this STANDATA is authorized by
the Elevating Devices Administrator

[Original Signed]
Dean Bruce

