



Alberta Elevating Devices  
& Amusement Rides  
Safety Association

## ADVISOR

### PASSENGER ROPEWAY

June 2020

**Notice:** To assist the Passenger Ropeway Industry to meet their safety goals, AEDARSA is providing the following information:

#### Code and Regulation

##### NEW for 2020-21 operating season

The **CSA Z98-19 Passenger Ropeways and Passenger Conveyors Safety Standard** is in force with timely adoption under the Alberta Passenger Ropeway and Passenger Conveyor Standards Regulation

#### **Highlights**

**NEW** Non-destructive testing of haul ropes on Surface lifts as per CSA Z98-19. Owner/Operators of Surface Ropeways must meet Non-Destructive test requirements as per CSA Z98-19 clause 11.8.3 (c).

*c) In passenger ropeways as per Clause 7, initial haul rope MRT examinations shall be performed at intervals not exceeding 72 months. Subsequent MRT examinations shall be performed at intervals not exceeding 36 months. When it is anticipated that the date for the test will occur during an operating period, the test shall be performed before that period.*

#### **TRANSITION PERIOD POLICY:**

AEDARSA will require Operators of Surface Ropeways meet the requirements of CSA Z98-19 clause 11.8. Specifically, CSA Z98-19 clause 11.8.3 (c) before April 1st, 2023. A copy of an interpretive report on the tests shall be kept in a rope log. This report shall include, but not be limited to, the following:

- diameter measurements;
- broken wire locations;
- broken wire locations visually confirmed;
- condition of splices and repairs;
- locations of mechanical damage;
- hours of operation since the last inspection;
- general rope condition, lubrication, cleanliness, and surface corrosion;
- locations requiring special inspection;
- estimate of loss of metallic cross-sectional area (LMA);
- a statement that the rope meets the requirements of this Standard; and
- the signature of the test interpreter and the date.

Visual inspection of the exposed length of the haul rope at established intervals not exceeding one year or 2000 h of operation, whichever comes first, or immediately after any incident that could affect the condition of the rope is still required and shall be kept in a rope log.

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### **The notable Changes from the previous edition include:**

- a) the addition of a new, informative Annex L featuring notes on clauses;
- b) updated requirements for the following:
  - i) end connections;
  - ii) covered passenger conveyors;
  - iii) track ropes;
  - iv) emergency brakes;
  - v) operating in wind or icing conditions;
  - vi) clearances;
  - vii) brakes on surface lifts;
  - viii) non-destructive testing [magnetic rope test (MRT)] for rope on T-bars;
  - ix) braking on rope tows;
  - x) ropeways for secondary carriers; and
  - xi) groove contamination; and
- c) updated reference standards.

A summary of changes from the previous edition is in the preface of the CSA Z98-19 Standard. (See page 20). Ensure that your operation and maintenance personnel are aware of the changes to the operation, maintenance and testing requirements.

### **AEDARSA oNe-X Portal**

An e-mail has been sent out to all Ski Area contacts allowing access to the AEDARSA oNe-X Portal. oNe-X administrators and portal users will have on-line access to:

- Complete and submit Application for Permit of Operation and Safety Examination checklists
- Complete and submit Application for Permit of Construction and Alteration and upload all the required documents.
- View inspection report forms and submit completed directive sign off
- Print off Permits of Operation
- View payments and payment history

### **For COVID-19 Information please see:**

<https://www.alberta.ca/assets/documents/covid-19-relaunch-guidance-gondolas-trams-chairlifts.pdf>  
<https://www.alberta.ca/biz-connect.aspx>  
<https://www.alberta.ca/alberta-relaunch-strategy.aspx>

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