



Alberta Elevating Devices
& Amusement Rides
Safety Association

Subject: Clarification of Passenger Ropeways and Passenger Conveyors Alterations

Issue:

What is an alteration and when to submit an Application for Permit of Construction and Alteration to AEDARSA?

Background:

1. There has been some confusion as to what is considered an alteration to a passenger ropeway.
2. The following regulations reference what an alteration means for passenger ropeway and passenger conveyors;
 - a. The current *Passenger Ropeways and Conveyors Standards Regulation AR AR190/2008* subsequently adopted the *CSA Z98-19*, in Alberta.
(see *Alberta Government [notice](#)*.)
 - b. The *Alberta Elevating Devices, Amusement Rides and Passenger Ropeways Permit Regulation AR 28/2012*: Alteration(s) are subject to an approval process by AEDARSA.

Clarification:

Additional clarification on the meaning of an alteration, set out the above regulations and consideration of the following;

- a. Any change to the original or current design specification of a passenger ropeway or passenger conveyor and its parts
- b. Any replacement, except those due to maintenance or repair
- c. Any significantly changes/replacements to structural or operational characteristics of the original design in the opinion of a safety codes officer.

Therefore, it is recommended that the owner contact AEDARSA to see if any the replacements the owner is contemplating an Alteration as defined above.

TYPE: Information	DESCRIPTION: Passenger Ropeway ALTERATIONS	REGULATION: Permit Regulation
-------------------	--	-------------------------------



Alberta Elevating Devices
& Amusement Rides
Safety Association

Requirements:

When it is established that an alteration is going to be completed, submit an Application for Permit of Construction and Alteration to AEDARSA, with the supporting documentation as listed in the CSA Z98-19 (See *Annex A*), **prior to starting** the specified alteration.

The alteration may include however not be limited to any changes from the original or current design of the following:

• plan and profile	• main/aux/evac drive
• rope grips and sockets	• hangers and spring boxes
• hangers	• foundations of all structures
• tensioning system	• electric power/lightning protection
• hangers and chairs, cars or cabins	• electric controls
• towing members	• communication line(s)
• towers	• safety circuit
• upper and lower stations	• drives
• sheaves and sheave assemblies	• gearbox
• tensioning sheaves	• brakes and backstops
• deropement equipment and switches	

Before an Altered passenger ropeway or passenger conveyor is placed in operation, an acceptance inspection will be completed confirming that alteration meets the Standard in force and of the manufacturers and designer's submission requirements.

For your convenience, a format for completing this Application for Permit of Construction and Alteration is included. To submit an Application for [Permit of Construction and Alteration](#), or for further information please contact AEDARSA.

Implementation:

This information bulletin is implemented immediately April 1st,2021.

Original signed by:

Rob Eeglon
AEDARSA Safety Codes Officer

TYPE: Information	DESCRIPTION: Passenger Ropeway ALTERATIONS	REGULATION: Permit Regulation
-------------------	--	-------------------------------