

# AEDARSA®

## SAFETY EXAMINATION CHECKLIST

### ROPE TOW Fibre and Wire Rope

Area Name \_\_\_\_\_  
 Type of Lift \_\_\_\_\_ Known As \_\_\_\_\_ Year Installed \_\_\_\_\_  
 Applicable Code Z98- \_\_\_\_\_ AEDARSA I.D. # S \_\_\_\_\_ Date Examination Completed \_\_\_\_\_

- Relevant clauses from the CSA Z98-07 Passenger Ropeways & Conveyors Code are included for reference purposes
- Foundations and all structural, mechanical and electrical components must be examined and maintained in a safe operating condition in accord with the code in force at the time the lift was installed

LEGEND: Enter S (for Satisfactory), NA (for Not Applicable to this lift), or X (for To Be Completed Before Operation) in the box to the right of each item

A.		SCO	DRIVE TERMINAL	OWNER	D.		SCO	LOADING/UNLOADING AREAS	OWNER
Code			General		Code			General	
4.31.1	001		Disconnect Function & Condition		13.10.4	121		Loading Ramp Condition	
4.31.3	002		Equipment & Terminal Grounding		4.26.3	122		Unloading Ramp Condition	
4.14	003		Condition of Foundations		4.26.2	123		Passenger Control System, Loading	
12.9	004		Condition of Structure		4.26.3	124		Passenger Control System, Unloading	
12.9	005		Bullwheel Condition		8.14	125		Location / Condition of Safety Gate/Flagged	
4.21.6	006		Guide Sheaves Condition		8.14	126		Safety Gate Cord Location re: the Haul Rope	
9.9									
11.10.4	007		Guys/Anchors		See Note 2	127		Condition of Safety Ramp	
4.26	008		Protection at Terminal Structure		8.2.5	128		Height/Width of Ramp	
8.11	009		Handles/Platter Guides		See Note 2	129		Handrails on Side of Ramp	
12.9	010		Drive Machinery Overall Condition					<b>Operation</b>	
4.25	011		Drive Machinery Guards		12.4.1	151		Safety and Stop Switches Tested, Loading	
4.24.2	012		Condition of Service Brake		12.4.1	152		Safety and Stop Switches Tested, Unloading	
8.12									
4.12.2	013		Condition of Overspeed Governor		4.32	153		Communications Systems Tested	
See Note 1	014		Extra Gears Blocked/Removed		12.4.1	154		Safety Gate Tested	
4.26	015		Guarded/Fenced		<b>E.</b>		<b>SCO</b>	<b>LINE EQUIPMENT PASSENGER CARRIERS</b>	<b>OWNER</b>
			<b>Operation</b>		<b>Code</b>			<b>General</b>	
8.12.1.2	021		Stopping Distance _____ m		11.10.4	161		Haul Rope Condition (Visual)	
12.4.1	022		All Safety & Stop Switches Tested		11.13	162		Splice Condition (Visual)	
8.10	023		Rope Rotation		4.19	163		Condition of Line Sheaves/Retainers	
8.13	024		Anti Roll-back Device		4.19.9	164		Assembly Alignments	
8.3.2	025		Maximum Speed : Value = _____ m/s		4.14	165		Condition Tower Foundations	
<b>B.</b>		<b>SCO</b>	<b>RETURN TERMINAL</b>	<b>OWNER</b>	8.2, 8.5	166		Tow Path Clearances	
<b>Code</b>			<b>General</b>		8.6	167		Rope Clearances	
4.31.3	041		Equipment and Terminal Grounding		8.2	168		Tow Path Condition	
4.14	042		Condition of Foundations		8.4.2,8.7	169		Rope Height/Vertical Forces	
12.9	043		Condition of Structure		8.10	170		Control of Haul Rope Rotation	
12.9	044		Bullwheel Condition		8.15	171		Condition of Handles / Carriers	
4.26	045		Protection at Terminal Structure		4.15.3	172		Handle/Carrier Spacing	
8.9	046		Guide Sheaves Condition						
4.26	047		Guarded/Fenced					<b>Procedures</b>	
11.10.4	048		Guys/Anchors		12.3.2	192		Lockout Procedure Posted	
			<b>Operation</b>		13.10.1	193		Routine Procedures Posted	
12.4.1	061		All Stop and Safety Switches Tested		<b>F.</b>		<b>SCO</b>	<b>GENERAL</b>	<b>OWNER</b>
<b>C.</b>		<b>SCO</b>	<b>TENSIONING EQUIPMENT</b>	<b>OWNER</b>	<b>Code</b>				
<b>Code</b>			<b>General</b>		4.3.2	201		Power Line Clearance (Alberta Utility Code 1999 clause 4.7.12.)	
4.22.3	081		Condition of Counterweight /Tensioning Adjustment Winch/Device		12.9	202		Condition of Electrical Components	
13.14	082		Counterweight Clearances Adequate		13.19	203		First Aid Equipment and Personnel on Site	
11.10.4	083		Counterweight / Tensioning Rope Condition		4.12.1	204		Fuel Storage	
12.9	084		Condition of Counterweight / Tensioning Sheave(s)		13.20	205		Fire Extinguishers, Location & Condition	
4.20									
11.10.4	085		Guys/Anchors		13.6.3	206		Housekeeping	
4.25.1.3	086		Guarded/Fenced		4.33	207		All Signs Posted	
			<b>Operation</b>		13.2	208		Training (Operations & Maintenance Staff)	
4.30.7	101		Counterweight / Tensioning Limit Switches Tested		12.4	209		Maintenance Log	
12.5.1									
					11.15	210		Wire Rope Log	
					13.18	211		Daily Operation Log/Check List	
					4.38.3	212		Operation Manual	
					4.38.2	213		Manufacturer's Manual	

Explain items marked "X" (by the owner's safety examiner) on page # 2.

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## SAFETY EXAMINATION CHECKLIST

### SIGNATURES

By signing this form, the owner or his designated representative certifies that all items that are marked with an "X", will be restored to safe operating condition and in accord with the applicable code before the lift is put into operation for use by the public.

AEDARSA I.D. # S \_\_\_\_\_

Have any alterations been made to the lift in the past 12 months?      Yes \_\_\_\_\_      No \_\_\_\_\_

Examiner's Name (print) \_\_\_\_\_ Date \_\_\_\_\_

Examiner's Signature \_\_\_\_\_

Signature of Owner  
or Owner's Representative \_\_\_\_\_ Date \_\_\_\_\_

### AUDITS ONLY

Safety Codes Officer's Signature \_\_\_\_\_ Date \_\_\_\_\_

**Note 1:** To prevent potential overspeed resulting from accidental use of a higher gear than intended e.g. on rope tows with automotive type running gear.

**Note 2:** Where inclined ramps are substituted for a natural path beyond the safety gate for at least 1.5 times the stopping distance of the rope tow.

- these ramps must be maintained in good condition
- the height and width of the ramps must be in accord with code requirements for towpaths
- handrails must be provided to help prevent skiers/snowboarders falling over the sides

**Explain items marked "X" (by the owner's safety examiner) below.**