

PR CONTRACTOR PRE-OPERATION INSPECTION DECLARATION: REVERSIBLE & INDUSTRIAL ROPEWAYS

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INSTRUCTIONS: Declaration must be submitted to Technical Safety BC as outlined on Information Bulletin IB-PR 2018-01

Contractor Name:			
Ropeway No.:		Ropeway Name:	
Ropeway Type:		Year Installed:	

Status Legend: P = Pass F = Fail N/A = Not Applicable

Clause Column Applies to Relevant Clause of the CSA Z98-14 Safety Standard or the Elevating Devices Safety Regulation (EDSR)

Line	Clause	General	Status
1.	EDSR	Operating Permit	
2.	EDSR	PR Contractor's License	
3.	EDSR	Ropeway Lift Operators Trainers Name & Number	
4.	12.2.5	Manufacturers Bulletins Up to Date	
5.	4.37	Operation Manual	
6.	4.37	Maintenance Manual	
7.	13.5.3	Operating Procedures Posted	
8.	12.7	Maintenance Procedures Posted	
9.	4.35	Emergency Lighting Operational	
10.	13.20	Fire Extinguishers Inspected	
11.	4.33	Smoke Detectors Operational	
12.	13.16.2.4	Manual Evacuation Equipment Inspected	
13.	13.16.3	Manual Evacuation Training/Practice Completed	
14.	5.20	Condition Rescue Winch and Rescue Car	
15.	5.20	Rescue Winch and Car Training/Practice Completed	
16.	5.20	Self-Powered Reversible Cabin Retrieval Equipment Condition	
17.	5.20	Self-Powered Reversible Cabin Retrieval Training/Practice Completed	
18.	12.7	Maintenance Records (mechanical & electrical)	
19.	5.4/4.3	Clearance to Structures, Power Lines, Snowmaking Equipment.	
20.	13.19	First Aid Equipment and Trained Staff	
21.	12.17	Date of Last Load Test	
22.	13.6.3	House Keeping	
23.	13.2	Ropeway Operators Training	
24.	12.2	Maintenance Staff Training	

25.	4.30	Condition of Electrical Components	
26.	4.22.1.9	Operating Hours	

Line	Clause	Line Equipment	Status
27.	4.18	Line Sheaves - Condition	
28.	4.18	Sheave Assemblies – Condition/Alignment	
29.	4.29.6	Deropement Switches Tested	
30.	4.29	Ground Fault Tested	
31.	4.30	Towers Grounded	
32.	4.30.1.4	Comline Anchoring	
33.	5.6.13/12.9	Condition Aircraft Warning Line and Balls	
34.	5.2/5.3/4.3	Lift Line Clearance	
35.	12.9	Condition of Towers	
36.	4.13/12.9	Tower Foundation and Grouting	
37.	4.7	Tower Drain Holes	
38.	4.3.1 e)	Adequate Drainage Tower Foundation Area	
39.	12.17.2	Tower Ladders	
40.	5.6.1.4/4.17.4	Tower Work Platforms & Lifting Frames	
41.	11.19.1/5.6.3	Track Rope Saddles	
42.	12.9	Slack Rope Carriers (Relocated)	
43.	4.16	Wind Meters	
44.	5.8	Cabin Guides	
45.	4.18.10	Haul or Track Rope Catchers	
46.	11.8.4	Haul Rope Condition	
47.	11.8.3	Last MRT of Haul Rope Date _____ Hours _____	
48.	11.8.3	Last MRT of Track Rope(s) Date _____ Hours _____	
49.	11.11.3	Haul Rope Splice Condition	
50.	11.6	Date of Last Haul Rope Splice	

51.	11.7.3	Track Rope(s) Bollards or Anchors	
52.	11.7.4	Date of Last Track Rope(s) Socketing _____	
53.	11.7.3	Date of Last Track Rope(s) Slipping _____	
54.	4.34	Night Lighting – Condition and GFCI	
55.	4.15	Interlock of Crossing Ropeways	

Line	Clause	Passenger Carriers	Status
56.	12.18	Date Carriage(s)/Hanger(s)/Cabin(s) Last Rebuilt/NDT Carriage 1: _____ Carriage 2: _____	
57.	12.9	Condition of Carriage, Hanger, Cabin	
58.	12.9/5.19	Cabin Controls & Communication	
59.	5.16.1	Cabin Door Interlock Switches	
60.	4.32	Carriers Numbered	
61.	11.8	Date of Last Haul/Counter Rope Socketing: _____	
62.	12.11	Carriage Fixed Rope Grips Relocated and Proof Tested	
63.	12.9/5.11	Condition Track Rope Brakes	
64.	12.9	Track Rope Brake Pull Testing Date: _____ Slipping Value: _____ kg	
65.	4.26.9	Track Rope Brake Slack Rope Test: Date: _____ Haul Rope Fired At: _____ kg Counter Rope Fired At: _____ kg	
66.	4.32.2.1	All Signage in Cabin(s)	
67.	13.20	Condition Fire Protection Equipment in Cabin(s)	
68.	5.16.2	All Tools and Emergency Equipment in Cabin(s)	
69.	12.9	Self-Powered Reversible - Condition of Drive Motor(s) and Drive Equipment	
70.	12.9	Self-Powered Reversible - Condition of Operator Controls	

Line	Clause	Drive Station	Status
71.	4.30	Electrical Disconnect Operation	
72.	4.30	Station and Equipment Grounding	
73.	4.13	Foundations and Grouting	
74.	4.11.1	Fuel Storage	
75.	4.32	All Signs Posted	
76.	12.3.2	Lock Out Procedure Posted	
77.	13.6 13.15	Evacuation Drive Procedure Posted	
78.	12.13	Brake Testing Procedures and Values Posted	
79.	12.9	Station Structure	
80.	12.9	Bullwheel(s) Condition	
81.	4.20.6	Guide Sheaves	
82.	5.17.3	Condition/Set Up Carriage Buffers	

83.	4.18 12.9	Sheave Assembly Alignment & Condition	
84.	5.17	Cabin/Entrance Guides	
85.	4.3	Protection of Station	
86.	12.9	Drive Machinery Condition	
87.	4.24.1	Drive Machinery Guards Installed	
88.	12.4.4	Evacuation Drive Condition	
89.	12.4.4	Auxiliary Drive Condition	
90.	12.3	Service Brake Condition	
91.	12.3	Emergency Brake Condition	
92.	4.23.2.5	Overspeed Device Condition	
93.	12.7	Overspeed Switch Tested	
94.	4.22.1.7	Drive Interlocks Tested	
95.	5.19	Communications	

Line	Clause	Return Station	Status
96.	4.30	Station Grounding	
97.	4.13	Foundations and Grouting	
98.	4.11.1	Fuel Storage	
99.	4.32	All Signs Posted	
100.	12.3.2	Lock Out Procedure Posted	
101.	12.9	Station Structure	
102.	12.9	Bullwheel(s) Condition	
103.	4.20.6	Guides Sheaves	
104.	5.17.3	Condition/Set Up Carriage Buffers	
105.	4.18/ 12.9	Sheave Assembly Alignment & Condition	
106.	5.17	Cabin/Entrance Guides	
107.	4.24.1	Machinery Guards Installed	
108.	4.3	Protection of Station	
109.	5.19	Communications	
110.	4.32	All Sign Posted	

Line	Clause	Tensioning System	Status
111.	13.14	Carriage Clearances	
112.	12.5.1.6	Counterweight(s) Clearances	
113.	12.9	Carriage Condition	
114.		Counterweight(s) Condition	
115.	11.9.3	Counterweight Rope Condition Last Date of Inspection With Tension Removed Date _____	
116.	11.16	Tensioning Chains Condition Last Date of Inspection With Tension Removed: _____	
117.	12.9	Counterweight Sheaves/ Sprockets/Roller Chains	
118.	4.21.3	Counterweight Adjustment Device and Safety Line	
	4.21.5	Hydraulic Tensioning System	
119.	4.29.7	Carriage Switches Location & Tested	
120.	13.18.1	Counterweight(s) Switches Location & Tested	
121.	4.21.5	Hydraulic Tensioning System Pressure Settings and Switches Tested	

Line	Clause	Loading/Unloading	Status
122.	5.17/4.25	Drive Station Loading Platform	
123.	5.17/4.25	Return Station Load Platform	
124.	5.17/4.25	Drive Station Unload Platform	
125.	5.17/4.25	Return Station Unload Platform	
126.	5.17/4.25	Drive Station Marshalling (Maze)	
127.	5.17/4.25	Return Station Marshalling (Maze)	
128.	13.10.5	Passenger & Worker Protection	
129.	5.19	Communication System All Stations	
130.	4.29 12.4	Drive Station Control and Stop Switches	
131.	4.29 12.4	Return Station Control and Stop Switches	
132.	4.32	Drive Station All Signs Posted	
133.	4.32	Return Station All Signs Posted	
134.	13.10.1	Operation Manual at all Stations	
135.	13.18	Operational Log	

Line	Clause	Speed/Stop Distance & Time - Deceleration Rate	Status
136.	4.14.3	Main Drive Speed _____ m/s	
137.	4.14.3	Auxiliary Drive Speed _____ m/s	
138.	4.22.2.5	Evacuation Drive Speed _____ m/s	
139.	5.10	Emergency Stop Ramp Controlled Time _____ secs Distance _____ meters Decel Rate _____ m/s ²	

Line	Clause	Main Drive	Status
140.	5.10	Normal Stop Time _____ secs Distance _____ meters Decel Rate _____ m/s ²	
141.	5.10	Service Stop Time _____ secs Distance _____ meters Decel Rate _____ m/s ²	
142.	5.10	Emergency Stop Time _____ secs Distance _____ meters Decel Rate _____ m/s ²	
143.	5.10	Emergency Brake Only Stop Time _____ secs Distance _____ meters Decel Rate _____ m/s ²	
144.	5.10	Control Power Loss Time _____ secs Distance _____ meters Decel Rate _____ m/s ²	

Line	Clause	Auxiliary Drive	Status
145.	5.10	Service Stop Time _____ secs Distance _____ meters Decel Rate _____ m/s ²	
146.	5.10	Emergency Stop Time _____ secs Distance _____ meters Decel Rate _____ m/s ²	
147.	5	Emergency Brake Only Stop Time _____ secs Distance _____ meters Decel Rate _____ m/s ²	

Line	Clause	Evacuation Drive	Status
148.	13.15.1	Deropement and Emergency Stop Switches Tested	

Line	Clause	Brake Torque Tests	Status
149.	12.13	Service Brake(s) (Bar, Amps, Kg, Ft lbs., other) Depending on Test Method Provide Combined or Individual Brake Values _____ _____ _____	
150.	12.13	Emergency Brake(s) (Bar, Amps, Kg, Ft lbs., other) Depending on Test Method Provide Combined or Individual Brake Values _____ _____ _____	

Signature of Owner or Owners Representative

Checking this box and submitting this form to Technical Safety BC **via email** constitutes your authorization. This has the same effect as submitting a handw ritten signature.

Declaration Completed By: Name_____

Signature _____ Date_____

Reason for all items marked as **failed**:

Technical Safety BC Use Only

Safety Officer Name & Number _____ Date _____

Follow Up Required Yes ____ No ____

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