

## PR CONTRACTOR PRE-OPERATION INSPECTION DECLARATION: CIRCULATING ABOVE SURFACE ROPEWAY

**Note:** Any personal information collected is handled in accordance with the British Columbia *Freedom and Protection of Privacy Act*. If you have questions about the collection, use, or disclosure of this information, contact the Records, Information and Privacy Analyst for the Technical Safety BC at 1 866 566 7233.

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

<b>Contractor Name:</b>			
<b>Ropeway No.:</b>		<b>Ropeway Name:</b>	
<b>Ropeway Type:</b>		<b>Year Installed:</b>	

**Status Legend P = Pass F = Fail N/A = Not Apply**

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 Contractors License	
3.	EDSR	Ropeway Lift Operators Trainers Name & Name/ Certification #	
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.	12.7	Maintenance Records (mechanical & electrical)	
15.	6.3/6.4/4.3	Clearance to structures, power lines, snowmaking equipment.	
16.	13.19	First Aid Equipment and Trained Staff	
17.	12.17	Date of Last Load Test	
18.	13.6.3	House Keeping	
19.	13.2	Ropeway Operators Training	
20.	12.2	Maintenance Staff Training	
21.	4.30	Condition of Electrical Components	
22.	4.22.1.9	Operating Hours	

Line	Clause	Line Equipment	Status
23.	4.18	Line Sheaves - Condition	
24.	4.18	Sheave Assemblies – Condition/Alignment	
25.	4.29.6	Deropement Switches Tested	
26.	4.29	Ground Fault Tested	
27.	4.29.6.5	Rope Position Indicators Tested	
28.	4.30	Towers Grounded	
29.	4.30.1.4	Comline Anchoring	
30.	6.3/6.4/4.3	Lift Line Clearance	
31.	12.9	Condition of Towers	
32.	4.13	Tower Foundation and Grouting	
33.	4.7	Tower Drain Holes	
34.	4.3.1 e)	Adequate Drainage Tower Foundation Area	
35.	12.17.2	Tower Ladders	
36.	4.17.4	Tower Lifting Frames & Hold-Down Anchors	
37.	4.17.5	Tower Work Platforms	
38.	11.19.1	Track Rope Saddles	
39.	12.9	Slack Rope Carriers (Relocated)	
40.	4.16	Wind Meters	
41.	6.5	Tip Guards	
42.	4.18.10	Haul or Track Rope Catchers	
43.	11.8.4	Haul Rope Condition	
44.	11.8.3	Last MRT of Haul Rope Date _____ Hours _____	
45.	11.8.3	Last MRT of Track Rope(s) Date _____ Hours _____	

46.	11.11.3	Haul Rope Splice Condition	
47.	11.6	Date of Last Haul Rope Splice	
48.	11.7.3	Track Rope(s) Bollards or Anchors	

80.	4.24.1	Drive Machinery Guards Installed	
81.	12.4.4	Evacuation Drive Condition	
82.	12.4.4	Auxiliary Drive Condition	
83.	12.3	Service Brake Condition	

Line	Clause	Line Equipment Cont'd	Status
49.	11.7.4	Date of Last Track Rope(s) Socketing	
50.	11.7.3	Date of Last Track Rope(s) Slipping	
51.	4.32	All Signs Posted for uphill and downhill loading.	
52.	4.30 4.34	Night Lighting – Condition and GFCI	
53.	4.15	Interlock of Crossing Ropeways	

Line	Clause	Drive Station Cont'd	Status
84.	12.3	Emergency Brake Condition	
85.	4.23.4	Anti-Rollback Device Condition	
86.	4.23.2.5	Overspeed Device Condition	
87.	12.7	Overspeed Switch Tested	
88.	12.7	Rollback Switch Tested	
89.	4.22.1.7	Drive Interlocks Tested	
90.	4.31	Communications	

Line	Clause	Passenger Carriers	Status
54.	12.11	Numbers of Carriers NDT This Season	
55.	6.13.12.9	Condition of Grip, Hanger, Seat, Restraining Device	
56.	6.12.12.9	Condition of Grip, Hanger, Cabin	
57.	6.126.14.7	Bubble or Cabin Door Closing and Locking System	
58.	4.32	Carriers Numbered	
59.	12.10.7	Grip Location marked(fixed grip)	
60.	12.10	100% of Fixed Rope Grips Relocated and Proof Tested	
61.	12.10.2	Detachable Grips (NDT or Rebuilt) Proof Tested	
62.	4.26.10.1	Work Carrier and Grip	
63.	4.26.9	Bike Carriers or Equipment Racks	
64.	4.26.10 13.6.9/.10	Freight Carriers	

Line	Clause	Return Station	Status
91.	4.30	Station Grounding	
92.	4.13	Foundations and Grouting	
93.	4.11.1	Fuel Storage	
94.	4.32	All Signs Posted	
95.	12.3.2	Lock Out Procedure Posted	
96.	12.9	Station Structure	
97.	4.20.6	Guide Sheaves	
98.	12.9	Bullwheel	
99.	4.18 12.9	Sheave Assembly Alignment & Condition	
100.	6.14.25	Carrier Guides	
101.	4.24.1	Machinery Guards Installed	
102.	4.3	Protection of Station	
103.	4.31	Communications	
104.	4.32	All Sign Posted	

Line	Clause	Drive Station	Status
65.	4.30	Electrical Disconnect Operation	
66.	4.30	Station and Equipment Grounding	
67.	4.13	Foundations and Grouting	
68.	4.11.1	Fuel Storage	
69.	4.32	All Signs Posted	
70.	12.3.2	Lock Out Procedure Posted	
71.	13.6 13.15	Evacuation Drive Procedure Posted	
72.	12.13	Brake Testing Procedures and Values Posted	
73.	12.9	Station Structure	
74.	12.9	Bullwheel	
75.	4.20.6	Guide Sheaves	
76.	4.18 12.9	Sheave Assembly Alignment & Condition	
77.	6.14.2.5	Carrier Guides	
78.	4.3	Protection of Station	
79.	12.9	Drive Machinery Condition	

Line	Clause	Detachable Stations	Status
105.	6.14.2	Drive Station Accel/Decel	
106.	6.14.2	Return Station Accel/Decel	
107.	6.14.2	Drive Station Curve	
108.	6.14.2	Return Station Curve	
109.	6.14.10	Drive Parking Rail & Gates	
110.	6.14.10	Return Parking Rails & Gates	
111.	6.12 6.14.7	Bubble or Cabin Door Closing System and Switches	
112.	6.14.2.5	Drive Carrier Rails	
113.	6.14.2.5	Return Carrier Rails	
114.	6.14.4	Drive Anti Collison System	
115.	6.14.4	Return Anti Collison System	
116.	6.14.8	Drive Grip Force	
117.	6.14.8	Return Grip Force	
118.	6.14.3	Drive Rope Position Switch	
119.	6.14.3	Return Rope Position Switch	
120.	6.14.3	Drive Grip Profile Switch	
121.	6.14.3	Return Grip Profile Switch	
122.	6.14.3	Drive Grip Location/Position Switches	

123.	6.14.3	Return Grip Location/Position Switches	
124.	6.14.4	Drive Spacing System	
125.	6.14.4	Return Spacing System	

157.	4.32	Mid Station All Signs Posted	
158.	13.6.11	Downhill Loading Capacity and Speed Posted	
159.	13.10.1	Operation Manual at all Stations	
160.	13.18	Operational Log	

Line	Clause	Tensioning System	Status
126.	13.14	Carriage Clearances	
127.	12.5.1.6	Counterweight Clearances	
128.	12.9	Carriage Condition	
129.	12.9	Counterweight Condition	
130.	11.9.3	Counterweight Rope Condition Last Date of Inspection With Tension Removed Date _____	
131.	11.16	Tensioning Chains Condition Last Date of Inspection With Tension Removed Date _____	
132.	12.9	Counterweight Sheaves or Sprockets	
133.	4.21.3	Counterweight Adjustment Device and Safety Line	
134.	4.21.5	Hydraulic Tensioning System	
135.	4.29.7	Carriage Switches Location & Tested	
136.	13.18.1	Counterweight Switches Location & Tested	
137.	4.21.5	Hydraulic Tensioning System Pressure Settings and Switches Tested	

Line	Clause	Loading/Unloading Cont'd	Status
161.	13.10.2	Equipment & Ramp Set Up for Passenger Failing to Load or Unload	

Line	Clause	Speed/Stop Distance & Time - Deceleration Rate	Status
162.	6.2	Main Drive Speed _____ m/s	
163.	6.2	Auxiliary Drive Speed _____ m/s	
164.	4.22.2.5	Evacuation Drive Speed _____ m/s	

Line	Clause	Loading/Unloading	Status
138.	6.7/4.25	Drive Station Loading Ramp	
139.	6.7/4.25	Return Station Load Ramp	
140.	6.7/4.25	Drive Station Unload Ramp	
141.	6.7/4.25	Return Station Unload Ramp	
142.	6.7/4.25	Mid Station Load Ramp	
143.	6.7/4.25	Mid Station Unload Ramp	
144.	4.25	Drive Station Marshalling (Maze)	
145.	4.25	Return Station Marshalling (Maze)	
146.	13.10.5	Passenger & Worker Protection	
147.	4.25	Ski Tip Guards	
148.	12.4.1 13.8	Communication System All Stations	
149.	6.15	Drive Station Safety Gate	
150.	6.15	Return Station Safety Gate	
151.	6.15	Mid Station Safety Gate	
152.	4.29 12.4	Drive Station Control and Stop Switches	
153.	4.29 12.4	Return Station Control and Stop Switches	
154.	4.29 12.4	Mid Station Control and Stop Switches	
155.	4.32	Drive Station All Signs Posted	
156.	4.32	Return Station All Signs Posted	

Line	Clause	Main Drive	Status
165.	6.6	Normal Stop Time _____ secs Distance _____ meters Decel Rate _____ m/s <sup>2</sup>	
166.	6.6	Service Stop Time _____ secs Distance _____ meters Decel Rate _____ m/s <sup>2</sup>	
167.	6.6	Emergency Stop Time _____ secs Distance _____ meters Decel Rate _____ m/s <sup>2</sup>	
168.	6.6	Emergency Brake Only Stop Time _____ secs Distance _____ meters Decel Rate _____ m/s <sup>2</sup>	
169.	6.6	Emergency Stop Ramp Controlled Time _____ secs Distance _____ meters Decel Rate _____ m/s <sup>2</sup>	
170.	6.6.4	Control Power Loss Time _____ secs Distance _____ meters Decel Rate _____ m/s <sup>2</sup>	

Line	Clause	Auxiliary Drive	Status
171.	6.6	Service Stop Time _____ secs Distance _____ meters Decel Rate _____ m/s <sup>2</sup>	
172.	6.6	Emergency Stop Time _____ secs Distance _____ meters Decel Rate _____ m/s <sup>2</sup>	
173.	6.6	Emergency Brake Only Stop Time _____ secs Distance _____ meters Decel Rate _____ m/s <sup>2</sup>	

Line	Clause	Evacuation Drive	Status
174.	13.15.1	Deropement and Emergency Stop Switches Tested	

Line	Clause	Brake Torque Tests	Status
175.	12.13	Service Brake(s) (Bar, Amps, Kg, Ft lbs., other) Depending on test method provide combined or individual brake values <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	
176.	12.13	Emergency Brake(s) (Bar, Amps, Kg, Ft lbs., other) Depending on test method provide combined or individual brake values <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	
177.	12.13	Anti-Rollback Brake(s) (Bar, Amps, Kg, Ft lbs., other) Depending on test method provide combined or individual brake values <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	

**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 handwritten signature.

Name \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

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

**Technical Safety BC Use Only**

Safety Officer Name \_\_\_\_\_ Safety Officer Number \_\_\_\_\_

Date \_\_\_\_\_

Follow Up Required Yes \_\_\_\_ No \_\_\_\_