

Elevator Safety Program
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Acceptance Inspection Checklist

LULA Electric & Hydraulic Elevator Checklist

Passenger Elevators

Code References

- ASME A17.1, 2004 – Effective 4/1/2005
- Oregon Structural Specialty Code 2003 – Effective 10/1/2004
- Oregon Electrical Specialty Code 2005 – Effective 4/1/2005
- Oregon Plumbing Specialty Code – Effective 4/1/2005
- NFPA 72, 2002; Fire Alarm Systems
- NFPA 13, 2002; Sprinkler Systems

Note: Potential code violations are not necessarily restricted to this checklist.

The comments used in this checklist give direction only and are not intended to circumvent actual code language. Please refer to the appropriate standard as necessary to clarify any code issues that may arise during this inspection.

The codes referenced in this checklist are applicable to the elevator installation as of the effective date of April 1, 2005. If the structural or electrical permit was issued prior to April 1, 2005, the previous edition of the elevator code may be used to resolve code conflicts providing a the issue date for the electrical or structure permit can be verified by the elevator inspector.

While the Elevator Safety Program does not directly regulate the building code, it is permissible to question code issues and request clarification or validation from the local building department. The elevator inspector cannot require any corrections unless supported by the local building department in such cases.

Indicate elevator type: Electric <input type="checkbox"/> Hydraulic <input type="checkbox"/>			
Site Name:			Code Date: ____/____/____
Contractor:			
Elevator ID:	Car #1: ____ - ____	Car #2: ____ - ____	
1 st Inspection Date	2 nd Inspection Date	3 rd Inspection Date	4 th Inspection Date
____/____/____	____/____/____	____/____/____	____/____/____

LIMITED USE / LIMITED ACCESS ELEVATORS

Inside Car	Req. #	Comments	Car 1-2									
Car Lighting <i>Enter ftc measurements on the data sheet.</i> <i>Note: 10 lx = .929 ftc</i>	2.14 or 3.14 (1.5) 620.22>	1) Minimum 50 lx (5 ftc) @ sill. 2) Minimum 2 lamps. 3) E-light minimum 21 lx (0.2 ftc) @ COP (not required on freight elevators) 4) Separate branch circuit must be provided 5) AC/heating units, when provided, must be on a dedicated branch circuit. 6) Light switch is not required; when provided:..... a) Located adjacent or in COP (non-automatic cars b) Key operated or behind locked panel in automatic cars. 7) Automatic shut-down of lights permitted after 5 min if:..... a) Car is at floor level; b) Doors are closed; c) No demand to run; and d) Car is automatic operation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> ...N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> ...N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>									
		<table border="1"> <thead> <tr> <th>Car</th> <th>Car Illumination</th> <th>E-Light</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> </tr> </tbody> </table>	Car	Car Illumination	E-Light	1			2			
Car	Car Illumination	E-Light										
1												
2												
In Car Stop Switch	2.26.2.5	1) Keyed Switch 2) Behind a locked panel	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>									
Car Emergency Signaling Device	5.2.1.27 2.27.1.2	Where required by 2.27.1.2: 1) Audible signaling device 2) 80 dBA to 90 dBA @ 3 m (10 ft.) distance	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>									
GFI 15 & 20 Amp Receptacles	NEC 620-85	1) All in-car receptacles may be GFCI protected or be of the GFCI type	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>									
Ventilation <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Fan Provided but not req.	2.14.2.3 (1.14)	1) Natural Ventilation Openings a) Not more than 300 mm (1') from platform b) Must reject 25 mm (1" ball); 50 mm (2" on freight) c) Above 1825 mm (6'), must reject 50 mm (2") ball d) Total area 3½% of inside floor area e) No "straight-through" vent openings 2) Forced Ventilation..... a) Req. on observation cars exposed to direct sunlight b) 1 hr. standby power required c) Located on car top and secured	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> ...N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>									
Rated Load and Platform Area	5.2.1.16.1	1) The minimum rated load shall conform to 2.16.1, except as follows: a) The maximum rated load shall not exceed 635 kg (1,400 lb). b) The inside net platform area shall not exceed 1.67 m2 (18 ft2). c) Requirements 2.16.1.2 and 2.16.1.3 do not apply.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>									
Capacity and Data Plates	5.2.1.16.2	1) Capacity plates shall indicate the rated load of the elevator in kilograms (kg), pounds (lb), or both. 2) Data plates shall conform to 2.16.3.2.2. 3) The material and marking of plates shall conform to 2.16.3.3.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>									
Power Operation of Hoistway Doors and Car Doors and Gates.	5.2.1.13	1) When provided, power operation, power opening, and power closing of hoistway doors and car doors and gates shall conform to 2.13, except as modified by 5.2.1.13. a) Requirement 2.13.1(b) is modified as follows: i) Power-operated swing hoistway doors shall be permitted with power-operated horizontally operated car doors. b) Requirement 2.13.2.2.3 does not apply. c) Requirement 2.13.3.4 does not apply. d) Requirement 2.13.6 does not apply.	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>									
Intercom	2.27.1.1.4 (Oregon amendment)	1) An intercom or telephone capable of being activated from a point outside the elevator shall be provided and be located at a readily accessible point outside the hoistway that is available to emergency personnel. One master control station may be used to connect all elevators under common group control. 2) The device shall be within sight of the elevators served. (<i>see 2.27.1.1.4(a)-(d) for additional requirements</i>).	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>									

LIMITED USE / LIMITED ACCESS ELEVATORS

Inside Car	Req. #	Comments	Car 1-2
<p>Oregon Amendment to 2.27.1.1.4: <i>An intercom or telephone capable of being activated from a point outside the elevator shall be provided and be located at a readily accessible point outside the hoistway that is available to emergency personnel. One master control station may be used to connect all elevators under common group control. The device shall be within sight of the elevators served.</i> (a) The means shall enable emergency personnel within the building to establish two-way voice communications to each car individually. Two-way voice communication shall be established without any intentional delay and shall not require intervention by a person within the car. The means shall override communications to outside of the building. (b) Two-way voice communications, once established, shall be disconnected only when emergency personnel outside the car terminates the call. (c) Once the two-way voice communication has been established, the visual indication [see 2.27.1.1.3(c)] within the car shall illuminate. The visual indication shall be extinguished when the two-way communication is terminated. (d) Operating instructions shall be incorporated with or adjacent to the two-way voice communication outside the car. Instructions shall conform to 2.27.7.3.</p> <p>2.27.1.1.3 (j) Telephone lines, when provided, are not required to be dedicated. However, the failure or use of any single device, including other elevator communication devices, connected to the same telephone line shall not render the elevator telephone inoperative.</p>			
<p>Telephone / communication Device Note: Oregon amendment 2.27.1.2 requires that a communication device be installed in each elevator and be capable of connecting to a 24-hour location. The device must be ADA compliant in accessible elevators. Dedicated telephone lines are not required, but the failure or use of any single device connected to same telephone line cannot render the elevator telephone inoperative.</p>	2.27.1.1.1 (1.6)	1) A two-way communications means between the car and a location in the building, that is readily accessible to authorized and emergency personnel shall be provided.	<input type="checkbox"/> <input type="checkbox"/>
	2.27.1.1.2	2) When the two-way communications location in the building is not staffed 24-h a day , by authorized personnel who can take appropriate action, the means of two-way communications shall automatically be directed within 30 s to an additional on- or off-site location, staffed by authorized personnel, where an appropriate response can be taken.	<input type="checkbox"/> <input type="checkbox"/>
	2.27.1.1.3	3) The two-way communication means within the car shall comply with the following requirements:
	2.27.1.1.3(b)	a) A push button to actuate the two-way communication means shall be provided in or adjacent to a car operating panel. The push button shall be visible and permanently identified as "HELP." The identification shall be on or adjacent to the "HELP" button. When the push button is actuated, the emergency two way communication means shall initiate a call for help and establish two-way communications.	<input type="checkbox"/> <input type="checkbox"/>
	2.27.1.1.3(c)	b) A visual indication on the same panel as the "HELP" push button shall be provided, which is activated by authorized personnel, to acknowledge that two-way communications link has been established. The visual indication shall be extinguished when the two-way communication link is terminated.	<input type="checkbox"/> <input type="checkbox"/>
	2.27.1.1.3(d)	c) The two-way communication means shall provide on demand to authorized personnel, information that identifies the building location and elevator number and that assistance is required.	<input type="checkbox"/> <input type="checkbox"/>
	2.27.1.1.3(e)	d) After the call acknowledgement signals are sent [2.27.1.1.3(c)], the two-way voice communications shall be available between the car and authorized personnel.	<input type="checkbox"/> <input type="checkbox"/>
	2.27.1.1.3(f)	e) The two-way communications, once established, shall be disconnected only when authorized personnel outside the car terminate the call.	<input type="checkbox"/> <input type="checkbox"/>
	2.27.1.1.3(g)	f) The two-way communication means shall not use a handset in the car.	<input type="checkbox"/> <input type="checkbox"/>
	2.27.1.1.3(h)	g) The two-way communications shall not be transmitted to an automated answering system. The call for help shall be answered by authorized personnel.	<input type="checkbox"/> <input type="checkbox"/>
2.27.1.1.3(i)	h) Operating instructions shall be incorporated with or adjacent to the "HELP" button.	<input type="checkbox"/> <input type="checkbox"/>	

LIMITED USE / LIMITED ACCESS ELEVATORS

Machine Rooms	Req. #	Comments	Car 1-2
Machine Rooms and Machinery Spaces	5.2.1.7	Machine rooms and machinery spaces shall conform to 2.7, except as modified by 5.2.1.7.1 through 5.2.1.7.12.	N/A <input type="checkbox"/>
		1) Equipment shall be located in elevator machine rooms, rooms containing other equipment essential to the operation of the building, or the hoistway.	<input type="checkbox"/> <input type="checkbox"/>
	5.2.1.7.1	2) Requirement 2.7.1.1 applies only where a separate machinery space is provided.	<input type="checkbox"/> <input type="checkbox"/>
	5.2.1.7.2	3) Requirement 2.7.1.2 applies only where a separate machinery space is provided. When provided, it shall be enclosed to a height of not less than 2 000 mm (79 in.).	<input type="checkbox"/> <input type="checkbox"/>
	5.2.1.7.3	4) Elevator machine and control equipment shall be permitted to be located in a room or space containing other machinery and equipment essential to the operation of the building:.....	...N/A <input type="checkbox"/>
		a) provided that they are separated from the other machinery or equipment by a substantial metal grille enclosure not less than 2000mm (79 in.) high	<input type="checkbox"/> <input type="checkbox"/>
		b) with a self-closing and self-locking door and	<input type="checkbox"/> <input type="checkbox"/>
		c) openable from the inside without a key.	<input type="checkbox"/> <input type="checkbox"/>
		d) The grille enclosure shall be of a design that will reject a ball 50mm (2 in.) in diameter.	<input type="checkbox"/> <input type="checkbox"/>
	5.2.1.7.4	5) Requirement 2.7.2 does not apply. Where a machine is located at the bottom of the hoistway, the control equipment shall be located outside the hoistway or in a cabinet on the inside surface of the access door.	<input type="checkbox"/> <input type="checkbox"/>
	5.2.1.7.5	6) Requirement 2.7.3.3 applies only where a separate room is provided for machine and control equipment. A permanent stair or ladder is not required when the machinery space is within the hoistway.	<input type="checkbox"/> <input type="checkbox"/>
	5.2.1.7.6	7) Requirement 2.7.3.4.1 applies only where a separate machine room is provided and complete bodily entry is necessary.	...N/A <input type="checkbox"/>
	5.2.1.7.7	8) Access openings in elevator hoistway enclosures shall be provided with an electric contact conforming to 2.12.4 and 2.14.4.2.1 through 2.14.4.2.3 that will cause interruption of power to the motor and brake when the access door is open.	<input type="checkbox"/> <input type="checkbox"/>
	5.2.1.7.8	9) Requirement 2.7.4.1 does not apply. The minimum headroom shall be 2 000 mm (79 in.).	<input type="checkbox"/> <input type="checkbox"/>
5.2.1.7.9	10) Requirement 2.7.5.2 applies only when a separate machine room is provided.	...N/A <input type="checkbox"/>	
5.2.1.7.10	11) Requirement 2.7.6 does not apply. Where the machine is located in the hoistway and access to the pit is required for maintenance, a permanent manual or automatic means shall be provided to stop the car from descending more than 2 000 mm (79 in.) above the pit floor.	<input type="checkbox"/> <input type="checkbox"/>	
5.2.1.7.11	12) Requirement 2.7.7 does not apply to machine rooms in hoistways.	<input type="checkbox"/> <input type="checkbox"/>	
5.2.1.7.12	13) Where elevator machines are located inside the hoistway and complete bodily entry is required for inspection or maintenance..... <input type="checkbox"/> <input type="checkbox"/>	
	a) a permanent metal, concrete, or wood platform below or level with the machine beams shall be provided	<input type="checkbox"/> <input type="checkbox"/>	
	b) the platform shall extend the full width and depth of the hoistway	<input type="checkbox"/> <input type="checkbox"/>	
	c) the strength of the platform shall conform to 2.1.3.3	<input type="checkbox"/> <input type="checkbox"/>	
	d) if the platform is of openwork construction, the openings shall reject a ball 25 mm (1 in.) in diameter	<input type="checkbox"/> <input type="checkbox"/>	
	14) A clear headroom of not less than 2 000 mm (79 in.) shall be provided from the top of the platform to the underside of the hoistway ceiling.	<input type="checkbox"/> <input type="checkbox"/>	

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Machine Rooms	Req. #	Comments	Car 1-2		
Hydraulic Elevators Only N/A <input type="checkbox"/>					
Hydraulic Power Unit	3.24.1.1 (2.30) 3.24.3.3 3.24.3.1	1) Working Pressure must appear on plate 2) Liquid level indicator; a) Must be of the type that can be checked without removing covers 3) Covers and venting	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Pressure Tanks	3.24.4 (2.33)	1) Unless covered by A17.1, must conform to ASME Boiler and Pressure Vessel Code	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Control Valve	3.19.4.3-4 (2.32)	1) Ensure valve is of the type that comprises a check valve and manual lowering. 2) Manual lowering speed limited to 0.10 m/s (20 fpm) 3) Must be a certified assembly.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
		Car	Valve Manufacturer	Model	
		1			
		2			
Flexible Hoses and Fittings Labeling must contain: Mfg. name or trademark; Type of hose & fitting; Min. factory test pressure; Min. bending radius; Date of installation; Inspection procedure.	3.19.3.3 (2.34) 8.6.5.6	1) H/P hoses shall: a) Not be installed in hoistways or through walls. b) Be wire reinforced as specified by SAE J5 17D c) Withstand 5 times working pressure d) Must be provided with a line overspeed valve (refer to 3.19.4.7) e) Marked with a replacement date no more than 6 years from installation f) Labeled as indicate in the first column	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Tank Fastenings	8.4.11.6	1) Must be prevented from being overturned	<input type="checkbox"/> <input type="checkbox"/>		
Supply Line Shut Off Valve	3.19.4 Ore. Amend (3.19.4.2) (2.35)	1) Fittings and piping and valves shall: a) Located in M/R (Note: Pit shut-off also required). b) Have a safety factor of 5 c) (Mfg. psi x mfg. SF/5 = allowable working psi) d) Cannot be cast iron, malleable iron or certain brass or bronze materials.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Operating Devices and Control Equipment	5.2.1.26	Operating devices and control equipment shall conform to 2.26, except as modified by the following: 1) Requirement 2.26.1.3 does not apply. 2) Requirement 2.26.2.5 does not apply. 3) Requirement 2.26.2.10 does not apply. 4) Requirement 2.26.2.12 does not apply. 5) Requirement 2.26.2.16 does not apply.	<input type="checkbox"/> <input type="checkbox"/>		
Working Pressures	3.19.1.2	1) The working pressure (see 1.3) shall not exceed the component rated pressure (see 1.3) of the pipes, valves, mufflers, and fittings used on the pressure side of the hydraulic system.	<input type="checkbox"/> <input type="checkbox"/>		
Pressure Relief	3.19.3.2 (2.14.3)	1) Witness setting of hydraulic valve and record pressure settings. 2) Test to be performed with rated load in car. 3) Relief to be set with car against stop ring. 4) Relief setting shall not exceed 150% of working pressure.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
		Indicate: kPa <input type="checkbox"/> or psi <input type="checkbox"/>			
		Car	Empty Car	Working Pressure	Relief Setting
		1			
		2			

LIMITED USE / LIMITED ACCESS ELEVATORS

Car Top & Hoistway Enclosure	Req. #	Comments	Car 1-2
Protection of Hoistway Landing Openings.	5.2.1.11	<p>The protection of hoistway landing openings shall conform to 2.11, except as modified by the following:</p> <ol style="list-style-type: none"> 1) Requirement 2.11.2. Entrances shall be of the horizontal slide or single section swing type. <ol style="list-style-type: none"> a) Requirement 2.11.10.3 [<i>Hinged Hoistway Landing Sills</i>] does not apply. b) Requirement 2.11.12 [<i>Entrances, Vertical Slide Type</i>] does not apply. c) Requirement 2.11.13.5 [<i>Entrances With Combination Horizontally Sliding and Swinging Panels</i>] does not apply. d) Requirement 2.11.15.3 [<i>Entrances Larger than Tested Assemblies</i>] does not apply. 	<input type="checkbox"/> <input type="checkbox"/>
Alternative to Top Car Clearance Requirements.	5.2.1.4.4	<p>In existing buildings where the top car clearance conforming to 5.2.1.4.3 cannot be provided, the following shall apply:</p> <ol style="list-style-type: none"> 1) When the car has reached its maximum upper movement, no part of the car or any equipment attached thereto, other than as permitted by 5.2.1.4.4(b), shall strike the overhead structure or any part of the equipment located in the hoistway. 2) Nonremovable means shall be provided to mechanically and electrically prevent upward movement of the car to provide an area above the car for maintenance and inspection, conforming to the following: <ol style="list-style-type: none"> a) The means shall prevent upward movement of the car to provide a refuge space conforming to 2.4.12. b) The means shall be so designed and constructed as to stop upward movement of the car at governor tripping speed with and without rated load in the car. c) The means shall not cause the stresses and deflections in car frame and platform members and their connections to exceed the limits specified in 2.15.10 and 2.15.11. d) A sign conforming to ANSI Z35.1, or CAN/CSA-Z321, whichever is applicable (see Part 9), shall be conspicuously displayed inside the hoistway which shall include a warning that there is an insufficient top car clearance and instructions for operating the means. e) The letters shall be not less than 25 mm (1 in.) in height. f) The means shall be capable of being operated without complete bodily entry into the hoistway. g) The force to actuate the means shall not require more than 90 N (20 lbf). 3) The top of car operating device shall not allow car movement until the means is actuated. 	<p>N/A <input type="checkbox"/></p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Construction of Hoistway and Hoistway Enclosures.	5.2.1.1 5.2.1.1.1 5.2.1.1.2	<p>The construction of hoistway enclosures shall conform to 2.1, except as modified by 5.2.1.1.1 and 5.2.1.1.2.</p> <ol style="list-style-type: none"> 1) Requirement 2.1.1.4 does not apply. Elevators shall be installed in a single hoistway. 2) Requirement 2.1.3 applies only when a floor is provided at the top of hoistway. <ol style="list-style-type: none"> a) Requirement 2.1.3.1. Elevator machines and sheaves shall be permitted to be located inside the hoistway enclosure at the top or bottom without intervening enclosures or platforms. If a floor is provided at the top of the hoistway, it shall comply with 5.2.1.1.2(c). If a floor is provided, it shall be permitted to be of wood. b) Requirement 2.1.3.2 does not apply. c) Requirement 2.1.3.3 does not apply. The floor shall be designed in accordance with other floors in the building. Where the machine is to be supported by the machine room floor, the floor shall be designed in accordance with 2.9.4 and 2.9.5. 3) Requirement 2.1.3.4. The floor shall be permitted to be of wood. 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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Car Top & Hoistway Enclosure	Req. #	Comments	Car 1-2									
Horizontal Clearances (Refer to Section 2.5)	5.2.1.5	Minimum clearances required for all cars. (Seismic requirements do not apply)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>									
		Indicate: mm <input type="checkbox"/> or in. <input type="checkbox"/>										
		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align:center">Car #1</td> <td style="width:50%; text-align:center">Car #2</td> </tr> </table>		Car #1	Car #2							
		Car #1		Car #2								
		Between car & hoistway; 20 mm (¾ in.) minimum										
		Car sill to hoistway or fascia. 125 mm (5 in.) maximum with horizontal doors.										
Car sill to hoistway or fascia: Maximum of 20 mm (¾ in.) with swing door from h/w sill to hoistway door.												
Suspension Means	5.2.1.20.1	1) Cars shall be suspended by ropes attached to the car frame or passing around sheaves attached to the car frame specified in 2.15.1. 2) Ropes that have previously been installed and used on another installation shall not be reused. 3) Only rope having the following classifications shall be used for the suspension of limited-use/limited-application elevator cars and for the suspension of counterweights:..... a) Iron (low-carbon steel) or steel wire rope, having the commercial classification "Elevator Wire Rope," or wire rope specifically constructed for elevator use. The wire material for these wire ropes shall be manufactured by the open-hearth or electric furnace process or their equivalent. b) Aircraft cable rope of 7x19 construction, classified as Mil Spec 83420, shall be permitted in those applications where aircraft cable rope is not subjected to crushing pressures, with the following exceptions permitted: i) non-jacketed, carbon steel, tin- or zinc-coated (Type 1A) 7 _ 19 construction (Section 3.2.4 of Mil Spec 83420) ii) identifying color tracer filaments are not required (Section 3.5.2 of Mil Spec 83420)	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>									
Maximum Rated Speed	5.2.1.16.4	1) The rated speed shall not be more than 0.15 m/s (30 ft/min). Indicate: m/s <input type="checkbox"/> or fpm <input type="checkbox"/> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align:center">Car</td> <td style="width:33%; text-align:center">Speed UP</td> <td style="width:33%; text-align:center">Speed Down</td> </tr> <tr> <td style="text-align:center">#1</td> <td></td> <td></td> </tr> <tr> <td style="text-align:center">#2</td> <td></td> <td></td> </tr> </table>	Car	Speed UP	Speed Down	#1			#2			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Car	Speed UP	Speed Down										
#1												
#2												
Maximum Rise	5.2.1.16.5	1) The maximum rise shall not be more than 7.6 m (25 ft). <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">Car #1</td> <td style="width:66%;">Indicate: m <input type="checkbox"/> or ft. <input type="checkbox"/> : _____</td> </tr> <tr> <td>Car #2</td> <td>Indicate: m <input type="checkbox"/> or ft. <input type="checkbox"/> : _____</td> </tr> </table>	Car #1	Indicate: m <input type="checkbox"/> or ft. <input type="checkbox"/> : _____	Car #2	Indicate: m <input type="checkbox"/> or ft. <input type="checkbox"/> : _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					
Car #1	Indicate: m <input type="checkbox"/> or ft. <input type="checkbox"/> : _____											
Car #2	Indicate: m <input type="checkbox"/> or ft. <input type="checkbox"/> : _____											
Top of Car Clearances (refer to Section 2.4) 2.4.4-2.4.5 A data plate must be provided in the pit and in the area of the counterweight buffer indicating the <i>designed</i> cwt. runby. The data plate must have 25 mm (1 in.) high letters or numbers and shall be of a permanent and legible type.	5.2.1.4.3 2.14.12	1) Minimum Refuge Area: a) Minimum horizontal area of 0.5 m ² (5.4 ft ²) b) Actual Area _____ m ² _____ ft ² c) 1100 mm (43 in.) high d) Actual height _____ mm _____ in. 2) Spring buffers;..... a) $t ? R ? S ? V_g^2 (2.588 \times 10^{7.5})$ b) $t = \text{_____} + \text{_____} + \text{_____}^2 (2.588 \times 10^{-5})$ $t =$ maximum travel above top landing (in.) $S =$ cwt. Buffer stroke (in.) $R =$ bottom cwt. Runby (in.) $V_g =$ governor tripping speed (fpm) #1 Actual designed: _____ " #2 Actual designed: _____ "	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> ...N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>									

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Car Top & Hoistway Enclosure	Req. #	Comments	Car 1-2
Hoistway Door Locking Devices and Electric Contacts, and Hoistway Access Switches.	5.2.1.12	1) Hoistway door locking devices, hoistway door and car door or gate electric contacts, and hoistway access switches shall conform to 2.12, except as modified by the following: a) Requirement 2.12.1.5 does not apply. Combination mechanical locks and electric contacts are not permitted. b) Requirement 2.12.2.3(a). Truck zoning devices are not permitted. c) Requirement 2.12.3 does not apply. d) Requirement 2.12.7.3.2. The car cannot be operated at a speed greater than 0.15 m/s (30 ft/min). e) Requirement 2.12.5. The dimension for the unlocking zone shall be not more than the straight vertical face of the platform guard minus 75 mm (3 in.).	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Governors & Governor Ropes	5.2.1.18	1) Minimum rope diameter; 6.0 mm (0.25 in.) 2) Maximum tripping speed; 0.38 m/s ² (75 fpm) 3) Safeties will set without delay upon breakage of suspension means 4) Tiller rope is prohibited	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Counterweights	5.2.1.21	1) May share the same guide rails as the car.	<input type="checkbox"/> <input type="checkbox"/>
Traveling Cables	2.8.1	1) Traveling Cables must conform to the following: a) (620-11) must comply with Table 400 b) (620-41) properly supported at 30 m (100 ft.) or 61m (200 ft.) lengths c) (620-43) shall be protected from damage and snags d) (620-44) run in lengths no greater than 1830 mm (72 in.) outside gutter or conduit. e) (620-83) be properly grounded to the car.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Terminal Stopping Devices <i>(Rule 2.25.4 does not apply; emergency terminal speed limits are not required)</i>	5.2.1.25 5.2.1.25(b)	1) Normal terminal stopping devices may be located in the machine room. 2) Final limits for traction elevators must be located in hoistway. 3) Drum Machine requirements:..... a) bottom final terminal stopping device b) slack cable device c) 2 independent upper terminal stopping switches are required d) must employ a separate device to operate one upper limit and the lower limit e) Power feed lines shall be open by:..... i) one or both upper limits; and ii) lower final limit or slack rope switch	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Hydraulic Elevators N/A <input type="checkbox"/>			
Bottom and Top Clearances and Runbys	5.2.2.2	Bottom and top clearances and runbys for cars and counterweights shall conform to 3.4, except as follows: 1) Bottom car clearances shall conform to 3.4.1 or 5.2.1.4.2. 2) Requirement 3.4.2.1 does not apply. The bottom car runby shall not be less than 50 mm (2 in.). 3) The top car clearances shall conform to 3.4.4 or 5.2.1.4.4.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Alternative to Speed Governor for Roped-Hydraulic Elevators	5.2.2.7.1 5.2.2.7.2	1) The safeties on roped-hydraulic elevators shall be operated by a speed governor or shall be permitted to be operated by inertia where an overspeed valve conforming to 3.19.4.7 is provided. 2) Upon the parting of the suspension ropes, the safeties shall apply without appreciable delay and their application shall be independent of the location of the break in the ropes and shall be permitted to be accomplished by the use of restrained compression springs or by the action of gravity, or by both, or by positive mechanical means.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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Car Top & Hoistway Enclosure	Req. #	Comments	Car 1-2
Governor Access for Roped Hydraulic Elevators (Oregon Amendment)	3.7.3	1) Access to governors, when provided, shall be made possible from outside the hoistway. Access doors and panels shall comply with 2.7.3.4. 2) Governor access panels shall be permitted to be omitted if the governor is capable of being set and reset from outside the hoistway.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Additional Supply Line Shutoff Valve (Oregon amendment)	3.19.4.1.1	1) Notwithstanding the seismic valve required by 8.4.11.2, an additional supply line shutoff valve is required in the elevator pit.	<input type="checkbox"/> <input type="checkbox"/>
Hydraulic Cylinders <i>Perform this test if there is any indication of settling. Otherwise this test may be omitted until required during periodic maintenance and testing.</i>	(2.36)	1) This test should be performed after the relief valve test in Item 2.31 and the flexible hose test in Item 2.34. 2) Cylinders that cannot be inspected visually should be tested in the following manner with no load in the car. 3) Mark the location of the car at any convenient position. Open the disconnect switch for 15 min. 4) Note the position of the car platform with respect to the reference mark. A change in car position that cannot be accounted for by visible oil leakage, valve leakage, or temperature change of the oil indicates a leak of the cylinder or in the underground piping and a need for further inspection, tests, or repairs.	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Capacity, Speed & Rise	5.2.1.16 5.2.1.16.1(a) 5.2.1.16.1(b) 5.2.1.16.4 5.2.1.16.5	1) Net inside dimension shall not exceed Table 2.16.1: a) Maximum capacity; 635 kg (1400 lbs.) (Actual _____ kg _____ lbs) b) Maximum inside area; 1.67 m ² (18 ft ²) (Actual _____ m ² _____ ft ²) c) Maximum rated speed; 0.15 m/s (30 fpm) (Actual _____ m/s _____ fpm) d) Maximum rise; 7.6 m (25 ft.) (Actual _____ m _____ ft)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Capacity Plate & Data Plates	5.2.1.16.2(a) 5.2.1.16.2(b)	1) Capacity plate required in elevator in kg, lbs. or both. 2) Data plates must comply with 2.16.3.2.2. a) Rated load b) Rated speed c) Wire rope data (2.20.2.1) d) Manufacturer's name or trademark e) Rail lubrication instructions (2.17.16)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
PIT AREA	Req. #	Comments	Car 1-2
Refuge		1) The refuge space shall be not less than a) 610 mm x 1220 mm x 610 mm (24 in. w x 48 in. l x 24 in. h); or b) 450 mm x 900 mm x 1100 mm (18 in. w x 35 in. l x 43 in. h)	
		#1 Actual: _____ mm (w) x _____ mm (l) x _____ mm (h)	<input type="checkbox"/>
		#2 Actual: _____ mm (w) x _____ mm (l) x _____ mm (h)	<input type="checkbox"/>
Vertical Clearances & Runby	5.2.1.4	2) Bottom Runby	<input type="checkbox"/> <input type="checkbox"/>
		? 0.15 m/s 30 fpm; 75 mm (3 in.)	? 0.15 m/s 30 fpm; 150 mm (6 in.);
		Actual: _____	Actual: _____

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PIT AREA	Req. #	Comments	Car 1-2
Pits (Refer to Section 2.2 for pit requirements and ANSI A14.3; The Standard for Fixed Ladders) <i>(Illumination readings should be done at least in front and back of the pit channels with the hoistway door closed. Depending on pit area, more than 2 readings may be necessary.)</i>	5.2.1.2	1) Pits shall conform to the following: a) Pit ladders shall be installed in all pits greater than 760 mm (30 in.) deep and shall conform to the following: i) minimum 400 mm (16 in.) wide ii) rungs 300 mm (12 in.) on center iii) extend a minimum 1200 mm (48 in.) above sill level iv) be not less than 115 mm (4½ in.) from wall or nearest obstruction	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	2.2.4.4	2) Pit Access Doors:..... a) minimum 1825 mm (72 in.) high by 750 mm (29.5 in.) wide b) self-closing & self locking c) keys to be kept on premises d) depth may be reduced to 300 mm (12 in.) providing all equipment can be installed properly. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	2.2.6	3) Pit Stop Switch..... a) Located by the access door; and b) On multiple car units, located at entrance to each elevator's pit area c) When access is through bottom landing door:..... i) Approx. 450 mm (18 in.) above sill level. ii) Pits over 1700 mm (67 in.) deep require a second stop switch located about 1220 mm (48 in.) from floor <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	2.2.5	4) Pit Illumination:..... a) minimum 100 lx (10 ftc) illumination evenly distributed; Actual Car #1 _____ ftc. Car #2: _____ ftc. b) light switch located within easy reach of access door c) lamp(s) shall be guarded <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	2.2.2.3	5) Sump Pumps:..... a) May be provided with the following: i) Sump pump with 24hr monitored alarm and power control switch located outside hoistway b) Oregon Plumbing Specialty Code requires:..... c) Permanent means of drainage shall be provided for elevator pits. Gravity drains, when installed, shall be provided with an approved type backwater valve to prevent drain line backup and the trap seal shall be protected with an automatic trap seal primer. Sump and pump may be installed when provided with the following: i) A check valve to prevent water, gases, and odors from entering the pit. ii) A secured and level cover over the sump. iii) An automatic activation switch iv) A minimum 1/3 hp rating. v) A minimum 1¼ (32 mm) discharge pipe. vi) Sump size as recommended by the manufacturer. vii) The outlet pipe of the pump shall be directly or indirectly connected to the inlet of a primed "P" trap. The "P" trap shall be connected to the sanitary drainage system. viii) Single pumps shall be permitted. N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	2.2.2.6	6) Sump covers shall be:..... a) substantially level with pit floor. b) non-combustible c) prevented from shifting sufficiently to expose sump opening. d) fastenings should not be of the non-removable type. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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Outside Hoistway	Req. #	Comments	Car 1-2					
Platform Guards	5.2.1.15.2	Requirement 2.15.9.2 does not apply. 1) The platform guard shall have a straight vertical face, extending below the floor surface of the platform of not less than the depth of the unlocking zone plus 75 mm (3 in.).	<input type="checkbox"/>	<input type="checkbox"/>				
Hydraulic Pipeline Identification <i>(where located outside the hoistway and machine room)</i>	3.19.2.5	1) A marking shall be applied, to accessible piping that is located outside the elevator machine room or hoistway, stating "Elevator Hydraulic Line" in letters that are at least 19 mm (0.75 in.) high in a contrasting color. 2) The marking shall be visible after installation and applied at intervals not greater than 3 000 mm (120 in.).	N/A <input type="checkbox"/>	<input type="checkbox"/>				
Corridor Illumination	5.2.1.11 (refer to 2.11.10.2)	Minimum 100 lx (10 ftc) @ floor level w/doors closed.	<input type="checkbox"/>	<input type="checkbox"/>				
					Front	Rear		
		Landing			lx	ftc	lx	ftc
		1 st						
		2 nd						
3 rd								
4 th								
Hydraulic Elevators N/A <input type="checkbox"/>								
Flexible Hoses and Fittings	3.19.3.3	1) H/P (flexible) hoses shall: a) not be installed in hoistways or through walls. b) have a minimum bending radius of as required by SAE 100 R2 c) be wire reinforced as specified by SAE J5 17D d) withstand 10 times working pressure e) marked as required by SAE f) marked with a replacement date no more than 6 years from installation g) Labeling: i) Manufacturer's name or trademark ii) Type of hose and fitting iii) Minimum factory test pressure iv) Minimum bending radius v) Date of installation vi) Name of elevator contractor h) Line overspeed valve required.	N/A <input type="checkbox"/>	<input type="checkbox"/>				
Operating Devices	5.2.1.26	Must comply with the following where required or provided:	Car 1-2	N/A				
		1) 2.26.1.4 Inspection Operation a) Car top b) In-car c) Machine room						
		2) 2.26.1.5 Inspection Operation with Open Door Circuits.....						
		3) 2.26.2.1 Slack Rope Switch						
		4) 2.26.2.2 MG Running Switch						
		5) 2.26.2.3 Comp-rope Sheave Switch						
		6) 2.26.2.4 Motor Field Sensing Means.....						
		7) 2.26.2.6 Broken Rope, Tape or Chain Switch						
		8) 2.26.2.7 Pit Stop Switch						
		9) 2.26.2.8 Car Top Stop Switch						
		10) 2.26.2.9 Car Safety Mechanism Switch						
		11) 2.26.2.11 Final Limits						
		12) 2.26.1.14 Hoistway Door Locks.....						
		13) 2.26.2.15 Car Door / Gate Switch						
		14) 2.26.2.18 Car Top Emergency-Exit Electrical Device						
		15) 2.26.2.19 MG Overspeed Protection						
		16) 2.26.2.21 In Car Stop Switch						
		17) 2.26.2.23 Stop Switch in Remote Machine Rooms						
		18) 2.26.2.24 Stop Switch in Overhead Machinery Space in H/W.....						
		19) 2.26.2.26 Pit Access Door Electric Contact						
20) 2.26.2.28 Car Door Interlock								

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TESTING	Req. #	Comments	Car 1-2												
Pressure Relief Test to be performed with rated load in car. Relief to be set with car against stop ring.	303.4b (2.14.3)	1) Witness setting of hydraulic valve and record pressure settings. a) Provide dated tag and seal valve. Indicate: kPa <input type="checkbox"/> or psi <input type="checkbox"/>	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>												
		<table border="1"> <thead> <tr> <th>Car</th> <th>Empty Car EC</th> <th>Working Pressure WP</th> <th>Relief Setting Max=150% x WP</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Car	Empty Car EC	Working Pressure WP	Relief Setting Max=150% x WP	1				2				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		Car	Empty Car EC	Working Pressure WP	Relief Setting Max=150% x WP										
		1													
2															
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>												
Emergency Operations and Signaling Devices.	5.2.1.27	1) Emergency operation and signaling devices shall conform to 2.27, except 2.27.3 through 2.27.8 do not apply. However, if firefighters' service is provided, it shall conform to 2.27.	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>												
Pressure Switch	3.26.8	1) Required when top of cylinder is above tank. 2) Witness actuation of this device.	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>												
Low Oil Protection	3.26.9	1) Suitable methods include: a) Direct sensing of liquid level; or b) Pump run-timer; or c) Other means; _____ 2) Upon activation the car shall: a) Return to the lowest level; b) After door time; doors shall close c) Require manual reset of system.	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>												
Car Safeties (refer to 2.17)	3.17.1	1) Required on Roped Hydraulic Elevators: a) SOS switch b) governor switch c) overspeed switch for speeds > 0.75 m/s (150 fpm) d) Type A safeties for cars of 0.75 m/s (150 fpm) or less 2) Governor tripping speed..... a) 0-0.63 m/s (0-125 fpm) 0.90 m/s (175 fpm trip) b) 0.75 m/s (150 fpm) 1.05 m/s (210 fpm trip) c) see table 2.18.2.1 for faster speeds Note: The safety switches required must cause main drive power to be removed from the pump motor and control valve when safeties are activated. Indicate: m/s <input type="checkbox"/> or fpm <input type="checkbox"/>	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>												
		<table border="1"> <thead> <tr> <th>Car</th> <th>Rated Speed</th> <th>Tripping Speed</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> </tr> </tbody> </table>	Car	Rated Speed	Tripping Speed	1			2						
		Car	Rated Speed	Tripping Speed											
		1													
2															
Slack Rope Device	3.18.1.2.6	Slack rope device required on roped hydraulic units: 1) Slack rope switch must be of the enclosed manually reset type. 2) May be used as an additional means to initiate safety device	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>												
Roping Ratio	3.18.1.2.4	1) Shall not exceed 1:2	N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>												
Code Data Plate	8.9	1) Must indicate the code edition 2) Posted in clear view on the disconnect or controller 3) State ID tag may be used for this purpose.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>												