



Pikes Peak Regional Building Dept (Conveyance Division)
 2880 International Circle
 Colorado Springs, CO 80910

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Hydraulic Elevator Safety Test and Inspector Witness Report

General Information

Building:		Manufacturer:		State Registration CP #	
Address:		City:		Zip:	Permit #
Install Date:	Stops:	Capacity:	(lbs)	Serial #	
Rated Speed:	(fpm)	Passenger	Freight	(Circle One)	Inspector Present ? Yes No (Circle One)
Test Date:	Test Type:	Acceptance	Cat 1	Cat 1 and Cat 5 Witness	Construction Use (Circle One)

Testing and Inspection Components

NOTE: All Category 1 and Category 5 Test Items are to be performed during an Inspector Witness Test when applicable

Category 1 Test Items: Performed Annually, at Witness Test and Acceptance Test

Plunger Diameter/s

Pass	Fail	N/A		Pass	Fail	N/A	
			Auxiliary Power Lowering:				Low Oil Pressure Switch:
			Buffer: Car (oil) return (90 seconds)				Low Oil Protection:
			Cylinder and Piping Leakage: (min. 15 minute test)				Pressure: empty ()
			Door: closing force () Fr. () Rr. (lb/force)				Pressure: working () (rated load acceptance only)
			Door: interlock-gate switch				Pressure: relief () (150% max of working press.)
			Door: reopening device				Phase I: recall operation
			Door: restrictors				Phase I: signage
			Emerg or Standby Power: (rated load @ acceptance only)				Phase II: operation
			Emerg Communication: (w/ all power disconnected)				Phase II: signage
			Flexible Hose and Fittings: (relief press. min 30 sec)				Safety: Car (no load-slow speed)
			Governor: manual operation (Roped Hydraulic)				SIL: rated device function
			Limits: directional and final (up and down)				SIL: written checkout procedure
			Limits: normal terminal stopping devices (NTSD)				Stop Switches: pit, m-room, car, car top, escape hatch, sos, etc.
			Limits: terminal speed-reducing devices (TSRD)				Susp Means: slack rope device (Roped Hydraulic)

Category 5 Test Items: <i>Performed at Witness Test and Acceptance Test</i>	Safety Type: A B Other <i>(Circle One)</i>
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Pass	Fail	N/A		Pass	Fail	N/A	
			Buffer: Car (oil) (rated load/rated speed)				Overspeed Valve: (rated load / over speed)
			Governor: adjustments sealed				Plunger Gripper: (rated load / rated speed)
			Governor: electrical trip speed () fpm				Safety: Car (rated load/rated speed)
			Governor: mechanical trip speed () fpm				Safety: rail-slide () inches
			Governor: pull thru force () lb/force				Safety: car out of level

Inspection Items:

Pass	Fail	N/A		Pass	Fail	N/A	
			Buffer: Data Plate				Emergency light & alarm bell:
			Cleanliness: machine room, car top, pit				Keys available: machine room, control room , car
			Directional Lantern: (audible and visual)				MCP / Unique Procedures complete:
			Door: guides (gibs)				Oil Loss Accounted For:
			Door: safety retainers				Static Test: change in car position () inches
			Electrical: jumpers removed				Susp Means: under-sized / wear / wire breaks

Comments:

Acceptance: All items not listed above performed per ASME 8.10.3 and Manufacturers Unique Inspection Procedures ? Yes No N/A

Certifications

By signing below, I certify that all statements are true to the best of my knowledge and that all testing and witnessing was performed according to current State of Colorado Conveyance Regulations and the appropriate edition of ASME A17.1 Sections 8.6, 8.10 and 8.11.

Mech Name:		Contractor Company Name:	
Mech Sign:		Date:	State License #:
Insp Name:		Inspection Company Name:	
Insp Sign:		Date:	State License #: