



Elevator Safety Services, Inc.

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TK2

CHECKLIST FOR INSPECTION OF HYDRAULIC ELEVATORS

GENERAL NOTES

- (a) See ASME A17.2 2023 for detailed inspection information on each item number
- (b) OK = meets requirements; NG = insert number to identify comment on back page; NA = not applicable

Address: MCC Longview Auto Inst.
500 SW Longview Rd
Lees Summit Mo. 64081

- Routine inspection and test
- Periodic inspection and test
- Acceptance inspection and test
- Reinspection
- Category 5 test

AHJ ID Number: 27112

Code Edition: A17.1 2016 2025

Passenger Rated Load: 3000
 Freight Class: _____ Speed: 150

Inspected By: Ron Edmund
Signature: Ron Edmund Date: 8/7/25

QEI No: 15806 Certifying Organization: NARSA

	OK	NG	NA		OK	NG	NA
1 INSIDE OF CAR				2.30 Hydraulic power unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.1 Door reopening device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.31 Relief valves <u>580 PSI</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.2 Stop switches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.32 Control valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.3 Operating control devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.33 Tanks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.4 Sills and car floor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.34 Flexible hydraulic hose and fitting assemblies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.5 Car lighting and receptacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.35 Supply line and shutoff valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.6 Car emergency signal and communication device(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.36 Hydraulic cylinders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.7 Car door or gate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.37 Pressure switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.8 Door closing force	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.38 Roped water hydraulic elevators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.9 Power closing of doors or gates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.39 Low oil protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.10 Power opening of doors or gates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.40 Maintenance records	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.11 Car vision panels and glass car doors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.41 Hydraulic control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.12 Car enclosure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.42 Earthquake inspection and tests (seismic zone 2 or greater)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.13 Emergency exit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.44 Auxiliary power lowering operation <u>Shut Trip</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.14 Ventilation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.45 Inspection operation with open door circuits and inspection hierarchy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.15 Signs and operating device symbols	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 TOP OF CAR			
1.16 Rated load, platform area, and data plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.1 Top-of-car stop switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.17 Standby power operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.2 Car top light and outlet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.18 Restricted opening of car or hoistway doors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3 Top-of-car operating device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.19 Car ride	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.4 Top-of-car clearance, refuge space, and railing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.20 Earthquake inspection and tests (seismic zone 2 or greater)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.5 Normal terminal stopping devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 MACHINE ROOM				3.6 Final and emergency terminal stopping devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.1 Access to machine space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.7 Car leveling and anticreep devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2 Headroom	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.8 Top emergency exit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3 Lighting and receptacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.9 Floor and emergency identification numbering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4 Machinery space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.10 Hoistway construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.5 Housekeeping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.11 Hoistway smoke control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.6 Ventilation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.12 Pipes, wiring, and ducts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.7 Fire extinguisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.13 Windows, projections, recesses, and setbacks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.8 Pipes, wiring, and ducts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.14 Hoistway clearances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.9 Guarding of exposed auxiliary equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.15 Multiple hoistways	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.10 Numbering (elevators, machines, controllers, disconnects)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.16 Traveling cables and junction boxes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.11 Disconnecting means and control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.17 Door and gate equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.12 Controller wiring, fuses, grounding, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.18 Car frame and stiles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.13 Governor, overspeed switch, and seal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.19 Guide rails, fastenings, and equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.14 Code data plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

MCC Longview Auto Institute

CHECKLIST FOR INSPECTION OF HYDRAULIC ELEVATORS (Back)

	OK	NG	NA		OK	NG	NA
3.20 Governor rope	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.3 Final and emergency terminal stopping devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.21 Governor releasing carrier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.4 Normal terminal stopping devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.22 Wire rope fastening and hitch plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.5 Traveling cables	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.23 Suspension compensation and governor systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.6 Governor-rope tension devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.27 Crosshead data plate and rope data tags	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.7 Car frame and platform	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.28 Counterweight and counterweight buffer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.8 Car and counterweight safeties and guiding members	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.29 Counterweight safeties	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.11 Plunger and cylinder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.30 Speed test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.12 Car buffers (springs)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.31 Slack rope test – roped hydraulic elevators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.13 Guiding members (rails, rollers, slides)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.32 Traveling sheave – roped hydraulic elevators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.14 Supply piping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.34 Earthquake inspection and tests (seismic zone 2 or greater)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.15 Overspeed valve <u>194 FPM</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 OUTSIDE HOISTWAY				5.16 Earthquake inspection and tests (seismic zone 2 or greater)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.1 Car platform guard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.17 Plunger gripper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.2 Hoistway doors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6 FIREFIGHTERS' SERVICE (FEO)			
4.3 Vision panels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.1 A17.1b – 1973 through A17.1b – 1980	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.4 Hoistway door locking devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.2 A17.1 – 1981 through A17.1b – 1983	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.5 Access to hoistway	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.3 A17.1 – 1984 through A17.1a – 1988 and A17.3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.6 Power closing of hoistway doors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.4 A17.1b – 1989 through A17.1d – 2000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.7 Sequence operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.5 A17.1 – 2000 and B44-00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.8 Hoistway enclosure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.6 A17.1 – 2004 and B44-04	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.9 Elevator parking devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.7 A17.1 – 2007 and B44-07	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.10 Emergency doors in blind hoistways	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.8 A17.1 – 2010 and B44-10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.12 Standby power selection switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.9 A17.1 – 2013 and B44-13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 PIT				6.10 A17.1 – 2016 and B44-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.1 Pit access, lighting, stop switch, and condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.11 A17.1 – 2019 and B44-19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.2 Bottom clearance, runby, and minimum refuge space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.12 A17.1 – 2022 and B44-22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

EQUIPMENT MANUFACTURER: _____ YEAR OF INSTALL/MOD: _____

SERIAL NUMBER: _____ CONFIGURATION (STOPS/OPENINGS): _____

Comments: Violations corrected - OK to use

Full load speed (325 pressure) \downarrow 150 \uparrow 150
 Empty speed (176 pressure) \downarrow 150 \uparrow 150

Arrive 11:50 AM
 Leave 1:50 PM

Elevator Mechanic Name: Dave Seidman

Location Contact Name and Signature: _____ Phone Number: _____