

Checklist and Report for Inspection of Hydraulic Elevators

GENERAL NOTES:

(a) See ASME A17.2 for detailed Code requirements. Numbering is tied to the numbering on A17.2 sections.

(b) **OK** = Meets requirements **NG** = Insert number to identify comment on back of this checklist **NA** = Not Applicable

Routine Inspection and Test Periodic Inspection and Test Acceptance Inspection and Test

Address: _____

ID No.: _____ Code Edition: _____ *(from Code Data Plate)*

Passenger Rated Load: _____ lb or kg Inspected by: _____

Freight Class: _____ Signature: _____

Speed: _____ fpm or m/s Certificate No: _____ Certifying Organization: _____

	OK	NG	NA		OK	NG	NA
1 INSIDE OF CAR				2 MACHINE ROOM <i>(continued)</i>			
1.1 Door reopening device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.8 Pipes, wiring and ducts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.2 Stop switches	<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"/>
1.3 Operating control device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.10 Numbering of elevators, machines, controllers and disconnect switches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.4 Sills and car floor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.11 Disconnecting means and control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.5 Car lighting and receptacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.12 Controller wiring, fuses, grounding, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.6 Car emergency signal	<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"/>
1.7 Car door or gate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.14 Code data plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.8 Door closing force	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.30 Hydraulic power unit	<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"/>	2.31 Relief valves	<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"/>	2.32 Control valve	<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"/>	2.33 Tanks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.12 Car enclosure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.36 Hydraulic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.13 Emergency exit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.37 Pressure switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.14 Ventilation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.38 Roped water hydraulic elevators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.15 Signs and operating device symbols	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.39 Low oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.16 Rated load, platform area and data plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.40 MCP and Maintenance Records	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.17 Standby power operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.41 Static Control	<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"/>	2.42 Earthquake inspection and tests (seismic risk zone 2 or greater)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.19 Car ride	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
1.20 Earthquake inspection and tests (seismic risk zone 2 or greater)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 TOP OF CAR			
2 MACHINE ROOM				3.1 Top of car stop switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.1 Access to machine space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.2 Car top light and outlet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2 Headroom	<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"/>
2.3 Lighting and receptacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.4 Top of car clearance, refuge space and standard railing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4 Machine space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.5 Normal terminal stopping device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.5 Housekeeping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.6 Final and emergency terminal stopping devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.6 Ventilation	<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"/>
2.7 Fire extinguisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

(continued on page 2)

	OK	NG	NA
3 TOP OF CAR (continued)			
3.8 Top emergency exit	<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"/>
3.10 Hoistway construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.11 Hoistway smoke control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.12 Pipes, wiring and ducts	<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"/>
3.14 Hoistway clearances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.15 Multiple hoistways	<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"/>
3.17 Door and gate equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.18 Car frame and stiles	<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"/>
3.20 Governor rope	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.21 Governor releasing carrier	<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"/>
3.23 Suspension means	<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"/>
3.28 Counterweight and counterweight buffer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.29 Counterweight safeties	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.30 Speed test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.31 Slack Rope Test - Roped Hydro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.32 Traveling Sheave - Roped Hydro	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.34 Earthquake inspection and tests (seismic risk zone 2 or greater)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 OUTSIDE HOISTWAY			
4.1 Car platform guard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.2 Hoistway doors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.3 Vision panels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.4 Hoistway door locking devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.5 Access to hoistway	<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"/>
4.7 Sequence operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.8 Hoistway enclosure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.9 Elevator parking device	<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"/>
4.12 Standby power selection switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	OK	NG	NA
5 PIT			
5.1 Pit access, lighting, stop switch and condition	<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"/>
5.4 Normal terminal stopping devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.5 Traveling cables	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.6 Governor rope tension device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.7 Car frame and platform	<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"/>
5.11 Plunger and cylinder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.12 Car buffer (Springs)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.13 Guiding members	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.14 Supply piping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.15 Overspeed valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.16 Earthquake inspection and tests (seismic risk zone 2 or greater)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6 FIREFIGHTERS' SERVICE (FEO)			
6.1 A17.1b-1973 through A17.1b-1980	<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"/>
6.3 A17.1-1984 through A17.1a-1988 and A17.3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.4 A17.1b-1989 through A17.1b-2000	<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"/>
6.6 A17.1-2004 and B44-04	<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"/>
6.8 A17.1-2010 and B44-10	<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"/>

Comments: