

CHECKLIST FOR INSPECTION OF HYDRAULIC ELEVATORS

GENERAL NOTES:

(a) See ASME A17.2–2004 for detailed inspection information on each item number.

(b) OK = meets requirements; NG = insert number to identify comment on back of this Checklist; NA = not applicable.

Address: _____

ID No: _____

☐ Passenger

Rated load: _____

☐ Freight class _____

Speed: _____

☐ Routine inspection and test

☐ Periodic inspection and test

☐ Acceptance inspection and test

Code Edition: _____

Inspected by: _____

Print

Signature: _____ Date: _____

QEI No: _____ Certifying organization: _____

	OK	NG	NA
1 ELEVATOR — INSIDE OF CAR			
1.1 Door reopening device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.2 Stop switches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.3 Operating control devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.4 Sills and car floor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.5 Car lighting and receptacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.6 Car emergency signal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.7 Car door or gate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.8 Door closing force	<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"/>
1.10 Power opening of doors or gates	<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"/>
1.12 Car enclosure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.13 Emergency exit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.14 Ventilation	<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"/>
1.16 Rated load, platform area, and data plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.17 Standby power operation	<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"/>
1.19 Car ride	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 ELEVATOR — MACHINE ROOM			
2.1 Access to machine space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2 Headroom	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3 Lighting and receptacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4 Machine space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.5 Housekeeping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.6 Ventilation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.7 Fire extinguisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.8 Pipes, wiring, and ducts	<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"/>
2.10 Numbering of elevators, machines, and disconnect switches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.11 Disconnecting means and control	<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"/>
2.13 Governor, overspeed switch, and seal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.14 Code data plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.30 Hydraulic power unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.31 Relief valves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.32 Control valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.33 Tanks	<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"/>
2.35 Supply line and shutoff valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	OK	NG	NA
2.36 Hydraulic cylinders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.37 Pressure switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.38 Roped water hydraulic elevators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.39 Low oil protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.40 Inspection control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.41 Maintenance records	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.42 Static control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 ELEVATOR — TOP OF CAR			
3.1 Top-of-car stop switch	<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"/>
3.3 Top-of-car operating device	<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"/>
3.5 Normal terminal stopping devices	<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"/>
3.7 Car leveling and anticreep devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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 rope	<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 device — roped-hydraulic elevators installed under A17.1b–1989 and later editions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.32 Traveling sheave — roped-hydraulic elevators installed under A17.1b–1989 and later editions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CHECKLIST FOR INSPECTION OF HYDRAULIC ELEVATORS (Back)

OK NG NA

OK NG NA

4 ELEVATOR — 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"/> |
| 4.13 | Inspection control | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

5 ELEVATOR — 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 safeties and guiding members —
including roped-hydraulic elevators
installed under A17.1b–1989 and later
editions | <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 | <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"/> |

6 ELEVATOR — FIREFIGHTERS' SERVICE

- | | | | | |
|-----|--|--------------------------|--------------------------|--------------------------|
| 6.1 | <input type="checkbox"/> A17.1b–1973 through A17.1b–1980 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6.2 | <input type="checkbox"/> A17.1–1981 through A17.1b–1983 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6.3 | <input type="checkbox"/> A17.1–1984 through A17.1a–1988 and
A17.3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6.4 | <input type="checkbox"/> A17.1b–1989 through A17.1d–2000 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Comments: _____

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.