

CHECKLIST FOR INSPECTION OF ELECTRIC ELEVATORS

GENERAL NOTES:

(a) See ASME A17.2-2001 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: _____

- ☐ Routine inspection and test
☐ Periodic inspection and test
☐ Acceptance inspection and test

ID No: _____

Code Edition: _____

☐ Passenger Rated load: _____

Inspected by: _____

☐ Freight class _____ Speed: _____

Signature: _____ Date: _____

QEI No: _____ Certifying organization: _____

	OK	NG	NA		OK	NG	NA
1 ELEVATOR — INSIDE OF CAR							
1.1 Door reopening device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.19 Gears, bearings, and flexible couplings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.2 Stop switches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.20 Winding drum machine and slack cable device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.3 Operating control devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.21 Belt- or chain-drive machine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.4 Sills and car floor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.22 Motor generator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.5 Car lighting and receptacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.23 Absorption of regenerated power	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.6 Car emergency signal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.24 AC drives from a DC source	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.7 Car door or gate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.25 Traction sheaves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.8 Door closing force	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.26 Secondary and deflector sheaves	<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"/>	2.27 Rope fastenings	<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"/>	2.28 Terminal stopping devices	<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"/>	2.29 Car and counterweight safeties	<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"/>	3 ELEVATOR — TOP OF CAR			
1.14 Ventilation	<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"/>
1.15 Signs and operating device symbols	<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"/>
1.16 Rated load, platform area, and data plate	<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"/>
1.17 Standby power operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.4 Top-of-car clearance and refuge space	<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"/>	3.5 Normal terminal stopping devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.19 Car ride	<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 ELEVATOR — MACHINE ROOM				3.7 Car leveling and anticreep 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"/>	3.8 Top emergency exit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2 Headroom	<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"/>
2.3 Lighting and receptacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.10 Hoistway construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4 Machine space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.11 Hoistway smoke control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.5 Housekeeping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.12 Pipes, wiring, and ducts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.6 Ventilation	<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"/>
2.7 Fire extinguisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.14 Hoistway clearances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.8 Pipes, wiring, and ducts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.15 Multiple hoistways	<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"/>	3.16 Traveling cables and junction boxes	<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"/>	3.17 Door and gate equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.11 Disconnecting means and control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.18 Car frame and stiles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.12 Controller wiring, fuses, grounding, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.19 Guide rails fastening and equipment	<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"/>	3.20 Governor rope	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.14 Code data plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.21 Governor releasing carrier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.15 Static control	<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"/>
2.16 Overhead beam and fastenings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.23 Suspension rope	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.17 Drive machine brake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.24 Top counterweight clearance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.18 Traction drive machines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.25 Car, overhead, and deflector sheaves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



CHECKLIST FOR INSPECTION OF ELECTRIC ELEVATORS (Back)

	OK	NG	NA		OK	NG	NA
3.26 Broken rope, chain, or tape switch	<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"/>
3.27 Crosshead data plate	<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"/>
3.28 Counterweight and counterweight buffer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.4 Normal terminal stopping devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.29 Counterweight safeties	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.5 Traveling cables	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.34 Compensating ropes and chains	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.6 Governor-rope tension devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 ELEVATOR — OUTSIDE HOISTWAY				5.7 Car Frame and platform	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.1 Car platform guard	<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"/>
4.2 Hoistway doors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.9 Buffers and emergency terminal speed limiting devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.3 Vision panels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.10 Compensating chains, ropes, and sheaves	<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"/>	6 ELEVATOR — FIREFIGHTERS' SERVICE			
4.6 Power closing of hoistway doors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.1 <input type="checkbox"/> A17.1b-1973 through A17.1b-1980	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.7 Sequence operation	<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"/>
4.8 Hoistway enclosure	<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"/>
4.9 Elevator Parking devices	<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"/>
4.10 Emergency doors blind hoistway	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
4.11 Separate counterweight hoistway	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
4.12 Standby power selection switch	<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"/>				

Comments:

5 YEAR INSPECTION & TEST PER ASME A17.1, RULE1002

OIL BUFFERS

SAFETIES

GOVERNORS

SLACK-ROPE DEVICES ON WINDING

DOOR CLOSING FORCE

NORMAL & FINAL STOPPING DEVICES

FIREFIGHTER'S SERVICE

STANDBY POWER OPERATION

BROKEN ROPE, TAPE, or CHAIN SWITCH

BREAKING SYSTEM

EMERGENCY TERMINAL SPEED-LIMITING DEVICE

EMERGENCY AND STANDBY POWER OPERATION

POWER OPENING OF DOORS

LEVELING ZONE AND LEVELING SPEED

INNER LANDING ZONE (STATIC)

EMERGENCY STOPPING DISTANCE

TRACTION TEST