

CHECKLIST FOR INSPECTION OF ELECTRIC 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

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"/>
2.15	Static control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.16	Overhead beam and fastenings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.17	Drive machine brake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.18	Traction drive machines	<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"/>
2.20	Winding drum machine and slack cable device	<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"/>
2.22	Motor generator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.23	Absorption of regenerated power	<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"/>
2.25	Traction sheaves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.26	Secondary and deflector sheaves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.27	Rope fastenings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.28	Terminal stopping devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.29	Car and counterweight safeties	<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 fastening 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"/>
3.24	Top counterweight clearance	<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 and rope data tags	<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"/>
3.33	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"/>	6	ELEVATOR — FIREFIGHTERS’ SERVICE			
4.5	Access to hoistway	<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"/>
4.6	Power closing of hoistway doors	<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"/>
4.7	Sequence operation	<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"/>
4.8	Hoistway enclosure	<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"/>
4.9	Elevator Parking devices	<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"/>					
4.11	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"/>					
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"/>					

[illegible]