

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: _____

Inspected by: _____

Print

Signature: _____ Date: _____

☐ Passenger Rated load: _____☐ Freight class _____ Speed: _____

QEI No: _____ Certifying organization: _____

ROUTINE INSPECTION AND TESTS PER ASME 17.1 RULE 1004 (SEMI - ANNUAL)

| | OK | NG | NA | | OK | NG | NA |
|--|--------------------------|--------------------------|--------------------------|--|--------------------------|--------------------------|--------------------------|
| 1 ELEVATOR — INSIDE OF CAR | | | | 2.19 Gears, bearings, and flexible couplings | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.1 Door reopening device | <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"/> |
| 1.2 Stop switches | <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"/> |
| 1.3 Operating control devices | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.22 Motor generator | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.4 Sills and car floor | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.23 Absorption of regenerated power | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.5 Car lighting and receptacles | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.24 AC drives from a DC source | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.6 Car emergency signal | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.25 Traction sheaves | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.7 Car door or gate | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.26 Secondary and deflector sheaves | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.8 Door closing force | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.27 Rope fastenings | <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"/> | 2.28 Terminal stopping devices | <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"/> | 2.29 Car and counterweight safeties | <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"/> | 3 ELEVATOR — TOP OF CAR | | | |
| 1.12 Car enclosure | <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"/> |
| 1.13 Emergency exit | <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"/> |
| 1.14 Ventilation | <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"/> |
| 1.15 Signs and operating device symbols | <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"/> |
| 1.16 Rated load, platform area, and data plate | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3.5 Normal terminal stopping devices | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.17 Standby power operation | <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"/> |
| 1.18 Restricted opening of car or hoistway doors | <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"/> |
| 1.19 Car ride | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3.8 Top emergency exit | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 ELEVATOR — MACHINE ROOM | | | | 3.9 Floor and emergency identification numbering | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.1 Access to machine space | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3.10 Hoistway construction | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.2 Headroom | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3.11 Hoistway smoke control | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.3 Lighting and receptacles | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3.12 Pipes, wiring, and ducts | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.4 Machine space | <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"/> |
| 2.5 Housekeeping | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3.14 Hoistway clearances | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.6 Ventilation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3.15 Multiple hoistways | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.7 Fire extinguisher | <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"/> |
| 2.8 Pipes, wiring, and ducts | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3.17 Door and gate equipment | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.9 Guarding of exposed auxiliary 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"/> |
| 2.10 Numbering of elevators, machines, and disconnect switches | <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"/> |
| 2.11 Disconnecting means and control | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3.20 Governor rope | <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"/> | 3.21 Governor releasing carrier | <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"/> | 3.22 Wire rope fastening and hitch plate | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.14 Code data plate | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3.23 Suspension rope | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.15 Static control | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3.24 Top counterweight clearance | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.16 Overhead beam and fastenings | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3.25 Car, overhead, and deflector sheaves | <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"/> | | | | |



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"/> | 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 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: _____

ANNUAL 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