CHECKLIST FOR INSPECTION OF HYDRAULIC 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: ________________________________

________________________________________

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: __________

QE1 No: ________  Certifying organization: _________

1 ELEVATOR — INSIDE OF CAR

1.1 Door reopening device
1.2 Stop switches
1.3 Operating control devices
1.4 Sills and car floor
1.5 Car lighting and receptacles
1.6 Car emergency signal
1.7 Car door or gate
1.8 Door closing force
1.9 Power closing of doors or gates
1.10 Power opening of doors or gates
1.11 Car vision panels and glass car doors
1.12 Car enclosure
1.13 Emergency exit
1.14 Ventilation
1.15 Signs and operating device symbols
1.16 Rated load, platform area, and data plate
1.17 Standby power operation
1.18 Restricted opening of car or hoistway doors
1.19 Car ride

2 ELEVATOR — MACHINE ROOM

2.1 Access to machine space
2.2 Headroom
2.3 Lighting and receptacles
2.4 Machine space
2.5 Housekeeping
2.6 Ventilation
2.7 Fire extinguisher
2.8 Pipes, wiring, and ducts
2.9 Guarding of exposed auxiliary equipment
2.10 Numbering of elevators, machines, and disconnect switches
2.11 Disconnecting means and control
2.12 Controller wiring, fuses, grounding, etc.
2.13 Governor, overspeed switch, and seal
2.14 Code data plate
2.30 Hydraulic power unit
2.31 Relief valves
2.32 Control valve
2.33 Tanks
2.34 Flexible hydraulic hose and fitting assemblies

2.35 Supply line and shutoff valve
2.36 Hydraulic cylinders
2.37 Pressure switch
2.38 Roped water hydraulic elevators

3 ELEVATOR — TOP OF CAR

3.1 Top-of-car stop switch
3.2 Car top light and outlet
3.3 Top-of-car operating device
3.4 Top-of-car clearance and refuge space
3.5 Normal terminal stopping device
3.6 Final and emergency terminal stopping devices
3.7 Car leveling and anticreep devices
3.8 Top emergency exit
3.9 Floor and emergency identification numbering
3.10 Hoistway construction
3.11 Hoistway smoke control
3.12 Pipes, wiring, and ducts
3.13 Windows, projections, recesses, and setbacks
3.14 Hoistway clearances
3.15 Multiple hoistways
3.16 Traveling cables and junction boxes
3.17 Door and gate equipment
3.18 Car frame and stiles
3.19 Guide rails, fastenings, and equipment
3.20 Governor rope
3.21 Governor releasing carrier
3.22 Wire rope fastening and hitch plate
3.23 Suspension rope
3.30 Speed test
3.31 Slack rope device — roped-hydraulic elevators installed under A17.1b-1989
    and later editions
3.32 Traveling sheave — roped-hydraulic elevators installed under A17.1b-1989
    and later editions
3.33 Counterweight

4 ELEVATOR — OUTSIDE HOISTWAY

4.1 Car platform guard
4.2 Hoistway doors

This Checklist, A050C7, may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300
(12/01)

A050C7
## CHECKLIST FOR INSPECTION OF HYDRAULIC ELEVATORS (Back)

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4.3 | Vision panels | □ | □ | □ | 5.6 | Governor rope tension device | □ | □ | □ |
| 4.4 | Hoistway door locking device | □ | □ | □ | 5.7 | Car frame and platform | □ | □ | □ |
| 4.5 | Access to hoistway | □ | □ | □ | 5.8 | Car safeties and guiding members — including roped-hydraulic elevators installed under A17.1b–1989 and later editions | □ | □ | □ |
| 4.6 | Power closing of hoistway doors | □ | □ | □ | 5.11 | Plunger and cylinder | □ | □ | □ |
| 4.7 | Sequence operation | □ | □ | □ | 5.12 | Car buffer | □ | □ | □ |
| 4.8 | Hoistway enclosure | □ | □ | □ | 5.13 | Guiding members | □ | □ | □ |
| 4.9 | Elevator parking device | □ | □ | □ | 5.14 | Supply piping | □ | □ | □ |
| 4.10 | Emergency doors in blind hoistways | □ | □ | □ |   |   |   |   |   |
| 4.12 | Standby power selection switch | □ | □ | □ |   |   |   |   |   |

### 5 ELEVATOR — PIT

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 5.1 | Pit access, lighting, stop switch, and condition | □ | □ | □ | 6.1 | □ | A17.1b–1973 through A17.1b–1980 | □ | □ | □ |
| 5.2 | Bottom clearance, runby, and minimum refuge space | □ | □ | □ | 6.2 | □ | A17.1–1981 through A17.1b–1983 | □ | □ | □ |
| 5.4 | Normal terminal stopping devices | □ | □ | □ | 6.3 | □ | A17.1–1984 through A17.1a–1988 and A17.3 | □ | □ | □ |
| 5.5 | Traveling cables | □ | □ | □ | 6.4 | □ | A17.1b–1989 through A17.1d–2000 | □ | □ | □ |

### 6 ELEVATOR — FIREFIGHTERS' SERVICE

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6.1 | □ | A17.1b–1973 through A17.1b–1980 |
| 6.2 | □ | A17.1–1981 through A17.1b–1983 |
| 6.3 | □ | A17.1–1984 through A17.1a–1988 and A17.3 |
| 6.4 | □ | A17.1b–1989 through A17.1d–2000 |

**Comments:**

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