

**City of Los Angeles Department of Building and Safety
Elevator and Pressure Vessel Division
Periodic Hydraulic Tests for Group III and IV Elevators**

Location of Elevator _____
(Street Address) (Zip Code)

Elevator State Number _____ Outside Diameter of Ram _____

Elevator Rated Load as shown on the data plate _____
(Capacity in Pounds)

Elevator Rated Speed as shown on the data plate _____
(Speed in Feet per Minute)

GROUP III ← **Check One Box** **Periodic Test Requirements (1 YEAR) ASME A17.1-1996 Rule 1005.2**
GROUP IV ← **Only** **Periodic Test Requirements (1 YEAR) ASME A17.1-2004 Rule 8.11.3.2**

| Test Types | ASME A17.1 | | CHECK ONLY ONE BOX | | |
|--|--------------|---------------|--------------------|--------------|-----|
| | GROUP III | GROUP IV | PASSED | FAILED | N/A |
| Hydraulic Relief Valve Setting Pressure | 1005.2a | 8.11.3.2.1 | P.S.I. | | |
| Hydraulic Relief Valve Sealed | 1005.2a | 8.11.3.2.1 | Yes | (circle one) | No |
| Exposed Hydraulic Cylinder visually inspected | 1005.2b | 8.11.3.2.2 | | | |
| Non Exposed Hydraulic Cylinder Leak Test (15 Minute) | 1005.2b | 8.11.3.2.2 | | | |
| Hydraulic Cylinder Leak Test Movement* *(Justifications of any movement shall be explained below) | 1005.2b | 8.11.3.2.2 | Movement In Inches | | |
| Normal & Final Terminal Stopping Devices | 1005.2c(1) | 8.11.3.2.3(a) | | | |
| Governors | 1005.2c(2) | 8.11.3.2.3(b) | | | |
| Safeties | 1005.2c(3) | 8.11.3.2.3(c) | | | |
| Oil Buffers | 1005.2c(4) | 8.11.3.2.3(d) | | | |
| Firefighters Emergency Operation | 1005.2c(5) | 8.11.3.2.3(e) | | | |
| Standby or Emergency Power Operation | 1005.2c(6) | 8.11.3.2.3(f) | | | |
| Power Operation of Door System | 1005.2c(7) | 8.11.3.2.3(g) | | | |
| Emergency Terminal Speed Limiting Device | 1005.2c(8) | 8.11.3.2.3(h) | | | |
| Emergency Terminal Speed Stopping Device | 1005.2c(8) | 8.11.3.2.3(h) | | | |
| Low Oil Protection (Group IV Only) | Not Required | 8.11.3.2.3(i) | | | |
| Flexible Hose and Fitting Tests | 1005.2d | 8.11.3.2.4 | | | |
| Pressure Switch | 1005.2e | 8.11.3.2.5 | | | |
| Slack Rope Device (Group III Only) | 1005.2f | Not Required | | | |

GROUP III Periodic Test Requirements (3 YEAR) ASME A17.1-1996 Rule 1005.3 In Addition to above Tests
GROUP IV Periodic Test Requirements (3 YEAR) ASME A17.1-2004 Rule 8.11.3.3

| | | | | | |
|-------------------------------|---------|------------|--|--|--|
| Unexposed Portions of Pistons | 1005.3a | 8.11.3.3.1 | | | |
|-------------------------------|---------|------------|--|--|--|

GROUP III Periodic Test Requirements (5 YEAR) ASME A17.1-1996 Rule 1005.4 In Addition to above Tests
GROUP IV Periodic Test Requirements (5 YEAR) ASME A17.1-2004 Rule 8.11.3.4

| | | | | | |
|---|-----------|--------------|--|--|--|
| Governors, Safeties & Oil Buffers | 1005.4(a) | 8.11.3.4.1 | | | |
| Inspection of Ropes (Roped Hydraulic) | 1005.4(b) | Not Required | | | |
| Inspection of Coated Ropes (Magnetic Flux Test) | 1005.4(b) | 8.11.3.4.2 | | | |
| Inspection of Rope Fastenings | 1005.4(c) | 8.11.3.4.3 | | | |

Test Performed By _____

Signature of Elevator Mechanic _____ Printed Name, CCCM (State) License #, Los Angeles Journeyman License # & Expiration Dates

Elevator Company & CQCC License # & Expiration Date _____ Date Test Was Completed _____

***Justifications for any movement of elevator (1005.2b & 8.11.3.2.2)** _____

Comments _____

Return To: City of Los Angeles
 Department of Building and Safety
 Elevator and Pressure Vessel Division
 221 N. Figueroa St. 8th Floor
 Los Angeles, CA 90012 Phone #: (213) 202-9844 Fax #: (213) 202-9922