

Municipality of Anchorage – Development Services Department – Elevator Inspection Section

*** Hydraulic Elevator, Dumbwaiter & Material Lift Test Form (A17.1-2013)**

| | | | |
|---|-------------------------------|--------------------------|---|
| Building Name: | Elevator #: | MOA Tag #: | |
| Person or Firm performing tests: | Elevator Manufacturer: | Serial #: | |
| Type of Elevator: | Capacity (Rated Load): | Rated speed - up: | Operating speed down (if on cross head): |

*** Hydraulic Elevator, Dumbwaiter & Material Lift – Category 1 (yearly) test log**

| Requirement # | Test Description | Date (m/d/y) - Yr. 1: | Date (m/d/y) - Yr. 2: | Date (m/d/y) - Yr. 3: | Date (m/d/y) - Yr. 4: | Date (m/d/y) - Yr. 5: |
|---------------|---|--|--|--|--|--|
| 8.6.5.14.1 | Relief Valve Verification of Setting and System Pressure Test. From the pump unit, or original test tag, or if not present the calculated approximate Full Load Working Pressure is: _____psi | Pressure Relief, as measured on the stop ring(s): _____psi | Pressure Relief, as measured on the stop ring(s): _____psi | Pressure Relief, as measured on the stop ring(s): _____psi | Pressure Relief, as measured on the stop ring(s): _____psi | Pressure Relief, as measured on the stop ring(s): _____psi |
| 8.6.5.14.2 | Hydraulic Cylinders & Pressure Piping – | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present |
| 8.6.5.14.3(a) | Normal Terminal Stopping Devices | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present |
| 8.6.5.14.3(b) | Governors | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present |
| 8.6.5.14.3(c) | Safeties | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present |
| 8.6.5.14.3(d) | Oil Buffers | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present |
| 8.6.5.14.3(e) | Firefighters' Emergency Operation | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present |
| 8.6.5.14.3(f) | Standby or Emergency Power Operation | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present |
| 8.6.5.14.3(g) | Power Operations of Door System | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present |
| 8.6.5.14.3(h) | Emergency Terminal Speed-Limiting Device | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present |
| 8.6.5.14.3(h) | Emergency Terminal Stopping Device | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present |
| 8.6.5.14.3(i) | Low Oil Protection Operation | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present |
| 8.6.5.14.4 | Flexible Hose and Fitting Assemblies | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present |
| 8.6.5.14.5 | Pressure Switch | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present |
| 8.6.5.14.6 | Power Operation of Door System | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present |
| 8.6.5.14.7 | Slack-Rope Device | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present | OK - N/A - Deficiency Present |

*** Hydraulic Elevator & Material Lift (no longer applies to dumbwaiters) – Category 5 (five year) test log**

| Requirement # | Test Description | Results | Date (m/d/y): |
|---------------|-----------------------------------|--|---------------|
| 8.6.5.16.1 | Governors | OK - N/A - Deficiency Present Governor trips at: _____ fpm OK - N/A - Deficiency Present Overspeed switch trips at: _____ fpm | |
| 8.6.5.16.1 | Safeties | OK - N/A - Deficiency Present Car safeties - Type: _____ Measured slide in inches- _____ minus length of safety shoes- _____ = effective slide- _____ | |
| 8.6.5.16.1 | Governor Pull-through | OK - N/A - Deficiency Present Pull-through force: _____ lbf | |
| 8.6.5.16.1 | Governor Pull-out | OK - N/A - Deficiency Present Pull-out force: _____ lbf | |
| 8.6.5.16.1 | Oil Buffers | OK - N/A - Deficiency Present | |
| 8.6.5.16.2 | Coated Ropes (magnetic flux test) | OK - N/A - Deficiency Present | |
| 8.6.5.16.3 | Wire Rope Fastenings | OK - N/A - Deficiency Present | |
| 8.6.5.16.4 | Plunger Gripper | OK - N/A - Deficiency Present Plunger gripper set to trip at: _____ fpm | |
| 8.6.5.16.5 | Overspeed valve | OK - N/A - Deficiency Present Overspeed valve set to trip at: _____ fpm | |
| 8.6.5.16.6 | C2 Class Loading Test | OK - N/A - Deficiency Present | |

* ASME A17.1 Safety Code for Elevators and Escalators and MOA Local Amendment 23.75.8.11.1.1.2 require periodic tests of elevator equipment, to be performed and recorded by elevator personnel. The equipment owner is responsible for ensuring that all tests are completed within the time lines established by these requirements, and that the test log is kept in the elevator machine room/control room or machine space/control space, as is applicable to each conveyance. The test form must remain as a permanent part of the elevator history, like the maintenance control program documents (MCPD), not to be removed even if the elevator maintenance company changes. A separate test log is required for each conveyance. Elevator Personnel – please fill out specific data when indicated. Where specific data is not asked for, mark results by circling OK, N/A or Deficiency Present, and make corrections as needed. Fill out date (m/d/y) in the appropriate spaces.

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*** Hydraulic Elevator, Dumbwaiter & Material Lift Test Form (A17.1-2013)**

| | | |
|----------------------------------|------------------------|---|
| Building Name: | Elevator #: | MOA Tag #: |
| Person or Firm performing tests: | Elevator Manufacturer: | Serial #: |
| Type of Elevator: | Capacity (rated load): | Rated speed - up: Operating speed down (if on cross head): |

*** Hydraulic Elevator & Material Lift (no longer applies to dumbwaiters) – Category 3 (three year) test log**

| Requirement # | Test Description | Results | Date (m/d/y): |
|---------------|---|-------------------------------|---------------|
| 8.6.5.15.1 | Unexposed Portions of Pistons (Piston Rods of Roped Water-Hydraulics) | OK - N/A - Deficiency Present | |
| 8.6.5.15.2 | Pressure Vessels | OK - N/A - Deficiency Present | |

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