

Hydraulic Elevator, Dumbwaiter & Material Lift Test Form (A17.1-2016)

Municipality of Anchorage – Development Services – Building safety Division – Elevator Inspections Section

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

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

(for Dumbwaiters & Material lifts see local amendments 23.75.8.6.10.1.1 and 23.75.8.6.10.2.1)

Name of Person Performing Tests						
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 Setting & System Pressure Test. (Working pressure from original test tag or most recent category 5 test: _____ 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..3(l)	Verification of Stop Ring & Overtravel	Recorded Top Runby: _____ inches	Recorded Top Runby: _____ inches	Recorded Top Runby: _____ inches	Recorded Top Runby: _____ inches	Recorded Top Runby: _____ inches
8.6.5.14.2	Hydro 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(g)	Power Operation of Door System (Sequence of Operation – Bi Parting Doors)	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 (Closing Force & Kinetic Energy)	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
8.6.5.14.8	Earthquake 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(j)	Emergency Communication	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(k)	Means to Restrict Hoistway or Car Door Opening	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 / Emergency Power Operation	For this Category 1 test, use the "Elevator Standby / Emergency Power Operation" test form.				

Note: Tests identified with an Asterisk were added by Local Amendment to the adopted code

Hydraulic Elevator, Dumbwaiter & Material Lift – Category 5 (five year) test log

(for Dumbwaiters & Material lifts see local amendments 23.75.8.6.10.1.1 and 23.75.8.6.10.2.1)

Requirement	Test Description	Results	Date (m/d/y):
8.6.5.16.1	Governors	OK - N/A - Deficiency Present Governor trips at: _____ fpm / Overspeed switch trips at: _____ fpm	
8.6.5.16.1	Safeties	OK - N/A - Deficiency Present Car safeties - Type: _____ Measured slide (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.