|  |
| --- |
| **ELEVATOR SAFETY INSPECTION**  **10946 GOLDEN WEST DR, #160**  **HUNT VALLEY, MD 21031** |
| **Hydraulic Elevator / Registration #:\_\_\_\_\_\_\_\_\_\_\_**  **Periodic Test Requirements for witnessing A17.1-2016/2019 Code**  **Code Year in Effect at time of Installation A17.1 \_\_\_\_\_\_\_\_**  **Site Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date Tested: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Site Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **City, Zip Code: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_County: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

|  |  |  |  |
| --- | --- | --- | --- |
| **st Req.#** | **Test Item KEY: F=Fail P=Pass NA= Not Applicable** | **P/F/NA** | **Other Information** |
| **CATEGORY 1 PERIODIC TEST NO LOAD** | | | |
| 8.6.5.14.1 | Relief Valve Verification of Setting and System Pressure Test Y\_\_\_ N\_\_\_ |  | Rated Capacity:\_\_\_\_\_\_\_\_\_ |
| 8.6.5.14.2 | Hydraulic Cylinder and Pressure Piping Y\_\_\_ N \_\_\_ |  | Rated Speed: \_\_\_\_\_\_\_\_\_ |
| 8.6.5.14.3(a) | Normal Terminal Stopping Devices Y\_\_\_ N\_\_\_ |  | Unit Class: P F DW SW |
| 8.6.5.14.3(b) | Governors Y\_\_\_ N\_\_\_ |  | Elevator Type: HO HB RH |
| 8.6.5.14.3(c) | Safeties Y\_\_\_ N\_\_\_ |  |  |
| 8.6.5.14.3(d) | Oil Buffers Y\_\_\_ N\_\_\_ |  | Relief Pressure \_\_\_\_\_\_\_\_ |
| 8.6.5.14.3(e) | Firefighter’ Emergency Operation Input to controller for Primary Y\_\_\_ N\_\_\_ |  | Working Pressure \_\_\_\_\_\_\_\_ |
|  | Alternate Landing Y\_\_\_ N\_\_\_ |  | Empty Pressure \_\_\_\_\_\_\_\_ |
|  | Flashing Hat Y\_\_\_\_ N\_\_\_\_ |  | Static Pressure \_\_\_\_\_\_\_\_ |
|  | Three Position Key Switch at Main Lobby Y\_\_\_\_ N\_\_\_\_, |  |  |
|  | Two position Key Switch at the Fire Control Room Y\_\_\_\_ N\_\_\_\_ |  |  |
| 8.6.5.14.3(f) | Standby or Emergency Power Operation Y\_\_\_\_ N\_\_\_\_ |  |  |
| 8.6.5.14.3(g) | Power Operation of Door Systems Y\_\_\_\_ N\_\_\_\_ |  | Car Run By Top: \_\_\_\_\_\_\_\_\_\_ |
| 8.6.5.14.3(h) | Emergency Terminal Speed-Limiting Device Y\_\_\_ N\_\_\_ |  | Car Run By Bottom:\_\_\_\_\_\_\_\_ |
|  | Emergency Terminal Stopping Device Y\_\_\_ N\_\_\_ |  |  |
| 8.6.5.14.3(i) | Low Oil Protection Operation Y\_\_\_ N\_\_\_ |  | Type of Governor: \_\_\_\_\_\_\_\_ |
| 8.6.5.14.3(j) | Auxiliary Power Lowering (**2019 ONLY**) Y \_\_\_ N\_\_\_ |  | Governor Tripping Speed |
| 8.6.5.14.4 | Flexible Hose & Fitting Assemblies Y\_\_\_ N\_\_\_ |  | Car\_\_\_\_\_\_\_\_ |
| 8.6.5.14.5 | Pressure Switch Y\_\_\_ N\_\_\_ |  | Governor Overspeed SW |
| 8.6.5.14.6 | Power Operation of Door Systems Y\_\_\_ N\_\_\_ |  | Car \_\_\_\_\_\_\_\_ |
| 8.6.5.14.7 | Slack Rope Device Y\_\_\_ N\_\_\_\_ On Car \_\_\_\_\_ On Machine\_\_\_\_\_ |  |  |
| 8.6.5.14.8 | Earthquake Operation Y\_\_\_ N\_\_\_ |  | Governor Rope Construction:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |
| **CATEGORY 3 PERIODIC TEST** | |  | Hoist Rope Construction:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 8.6.5.15.1 | Unexposed Portions of Piston Y\_\_\_ N\_\_\_ |  |
| 8.6.5.15.2 | Pressure Vessels Y\_\_\_ N\_\_\_ |  | Valve Seal Y \_\_\_ N \_\_\_ |
|  |  |  | Pull Through : \_\_\_\_\_\_\_ |
|  |  |  | Pull Out: \_\_\_\_\_\_ |
| **CATEGORY 5 PERIODIC TEST FULL LOAD** | |  | Type of Buffer:  Oil \_\_\_\_\_\_\_  Spring \_\_\_\_\_\_  Elastomeric \_\_\_\_\_\_ |
| 8.6.5.16.1 | Governors Y\_\_\_ N\_\_\_ |  |
| 8.6.5.16.1 | Safeties Y\_\_\_ N\_\_\_ |  |
| 8.6.5.16.1 | Oil Buffers Y\_\_\_ N\_\_\_ |  |
| 8.6.5.16.2 | Magnetic Flux (Coated Ropes) Y\_\_\_ N\_\_\_ |  | Buffer Stroke: \_\_\_\_\_\_\_\_\_\_\_ |
| 8.6.5.16.3 | Wire Rope Fastenings Y\_\_\_ N\_\_\_ |  |  |
| 8.6.5.16.4 | Plunger Gripper Y\_\_\_ N\_\_\_ |  | Front Door Force: \_\_\_\_\_\_\_\_\_ |
| 8.6.5.16.5 | Over Speed Valve Y\_\_\_ N\_\_\_ Valve Tripping Speed \_\_\_\_\_\_\_ |  | Front Door Speeds: \_\_\_\_\_\_\_\_\_ |
| 8.6.5.16.6 | Freight Elevator of Class C-2 Loading (2.17.2.2) Y\_\_\_ N\_\_\_ |  | Rear Door Force:\_\_\_\_\_\_\_\_ |
|  |  |  | Rear Door Speeds: \_\_\_\_\_\_\_\_ |
|  |  |  |  |
| **Name of Elevator Company: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Mechanic Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ License #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Printed Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Inspector Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ QEI #: \_\_\_\_\_\_\_\_\_Date: \_\_\_\_\_\_\_\_\_\_**  **Printed Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | |