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| **THIRD-PARTY QEI INSPECTION AND TEST FORM** | | | | | | | | | | | | | | | | | |  | | | | | | | | **Division of Labor and Industry**  **10946 Golden West Drive Suite 106**  **Hunt Valley, Maryland 21031** | | |
| **This Inspection/ Test Is To Be Conducted Under The Standards Of A17.1 Safety Code For Elevators and COMAR PSA, Title 12, Sub-Title 8** | | | | | | | | | | | | | | | | | | | | | | | | | |
| ****= PASS X= FAIL O = NOT APPLICABLE | | | | | | | | | | | | | | | | | |  | | | | | | | |
| **Print Inspector Name/ QEI #** | | | | | | | **Print Mechanic Name/ LIC. #** | | | | | | | | | **Registration #** | | | **Installation/ Code Year** | | | | | **Date** | |
| **Site Name** | | | | | | | | | | | | | **Site County** | | | | | **Inspection Company** | | | | | | | |
| **Site Address** | | | | | | | | | **Site City/ Zip Code** | | | | | | | | | **Elevator Company** | | | | | | | |
| **INSIDE of CAR** | | | | | 36 | Pipes, Wiring, and Ducts | | | | | | | |  | 72 | | Top-of-Car Operating Device | | | | |  | ** Category 1 Test   Category 5 Test** | | | | | |
| 1 | Car Enclosure Condition | | |  | 37 | Controller Condition | | | | | | | |  | 73 | | Crosshead Data Plate | | | | |  | ** Re-Inspection** | | | | | |
| 2 | Car Emergency Signals | | |  | 38 | Guarding of Equipment | | | | | | | |  | 74 | | Top-of-Car refuge space | | | | |  | **Capacity** | | | | **Speed** | |
| 3 | Car Lighting (Normal) |  | (Emergency) |  | 39 | Motor Generator | | | | | | | |  | 75 | | Unexpected Movement Device | | | | |  | **Lbs.** | | | | FPM | |
| 4 | Stop Switches | | |  | 40 | Traction-Drive Machine | | | | | | | |  | 76 | | Emergency Exit Switch | | | | |  | **Unit Class** | | | | | |
| 5 | Door Buttons (Open) |  | (Close) |  | 41 | Traction Sheave | | | | | | | |  | 77 | | Top-of-Car/ Hoistway Clearances | | | | |  | **PASSENGER** | | | | ** FREIGHT** | |
| 6 | Car Call Buttons | | |  | 42 | Driving-Machine Brake | | | | | | | |  | 78 | | Suspension Means Fastening | | | | |  | ** DUMBWAITER** | | | | ** SIDEWALK** | |
| 7 | COP Markings/ Braille | | |  | 43 | Emergency Brake | |  | | | Rope Gripper | | |  | 79 | | Suspension Means Data Tag | | | | |  | ** TRACTION** | | ** HYDRAULIC** | | | ** DRUM** |
| 8 | Fire Service (Hat) |  | (Alarm) |  | 44 | Secondary and Deflector Sheaves | | | | | | | |  | 80 | | Broken Rope/ Belt/ Tape Sw. | | | | |  | ** ROPED HYDRAULIC** | | | | ** RACK & PINION** | |
| 9 | Car I.D. Markings | | |  | 45 | Rope Fastening and Hitch Plate | | | | | | | |  | 81 | | Traveling Cables | | | | |  | **CAR Governor** | | | | **CWT Governor** | |
| 10 | Capacity Plate | | |  | 46 | Tank | | | | | | | |  | 82 | | Normal Term. Stop Devices | | | | |  | **Trip Speed** \_\_\_\_\_\_\_\_\_\_FPM | | | | **Trip Speed** \_\_\_\_\_\_\_\_\_\_FPM | |
| 11 | Certificate Posting | | |  | 47 | Oil Level | | | | | | | |  | 83 | | Final Term. Stop Devices | | | | |  | **O/S Switch** \_\_\_\_\_\_\_\_\_\_FPM | | | | **O/S Switch** \_\_\_\_\_\_\_\_\_\_FPM | |
| 12 | Fire Warning Signage | | |  | 48 | Oil Condition | | | | | | | |  | 84 | | Hoistway Doors | | | | |  | **Pull Through**\_\_\_\_\_\_\_\_\_lbs. | | | | **Pull Through**\_\_\_\_\_\_\_\_\_lbs. | |
| 13 | Ventilation | | |  | 49 | Hydraulic Power Unit | | | | | | | |  | 85 | | Guide rails fastening & equipment. | | | | |  | **SEALED TAG** | | | | **SEALED TAG** | |
| 14 | Door Reopening Device | | |  | 50 | Control Valves | | | | | | | |  | 86 | | Guides/Rollers (CAR) | | |  | (CWT) |  | **Safety Type:  A  B  C  R&P  NONE**  **Safety Marking Plate:  CAR  COUNTERWEIGHT** | | | | | |
| 15 | Door Close Time F: Sec. R: Sec. | | |  | 51 | Supply Lines/ Shutoff Valve | | | | | | | |  | 87 | | Counterweight | | | | |  |
| 16 | Door Close Force F: lbs. R: lbs. | | |  | 52 | Flex Hydraulic Hose Assemblies | | | | | | | |  | **PIT AND CAR BOTTOM** | | | | | | | | **CAR Safeties: Shoe Size: \_\_\_\_\_\_In./ Slide on Rails: \_\_\_\_\_\_Ft. \_\_\_\_\_\_In.** | | | | | |
| 17 | Car Doors/Gate | | |  | 53 | Operating Devices | | | | | | | |  | 88 | | Bottom Access Switch | | | | |  | **CWT Safeties: Shoe Size: \_\_\_\_\_\_In./ Slide on Rails: \_\_\_\_\_\_Ft. \_\_\_\_\_\_In.** | | | | | |
| 18 | Car Ride Quality | | |  | 54 | Stop Switches | | | | | | | |  | 89 | | Pit Stop Switch | | | | |  | **Pullout:** \_\_\_\_\_Lbs. / Length: **\_\_\_\_Ft. \_\_\_\_In. / Turns on Drum \_\_\_\_\_** | | | | | |
| 19 | Stopping Accuracy | | |  | 55 | CAR Door By-Pass Switch | | | | | | | |  | 90 | | Pit Lighting | | | | |  | **Car Run By** | | | | | CWT Run By |
| **MACHINERY/ CONTROL ROOM/ SPACES** | | | | | 56 | HOISTWAY Door By-Pass Switch | | | | | | | |  | 91 | | Pit Condition | | | | |  | Top Ft. In- Bottom Ft. In | | | | | Bottom Ft. In. |
| 20 | Means of Access | | |  | 57 | Ascending Car fpm | | | | | | | |  | 92 | | Platform Guard | | | | |  | **Car Buffer** | | | | **CWT Buffer** | |
| 21 | Maintenance Path | | |  | 58 | Unintended Motion UP in. | | | | | | | |  | 93 | | Unexpected Movement Device | | | | |  | **STROKE: \_\_\_\_\_\_\_\_In.** | | | | **STROKE: \_\_\_\_\_\_\_\_In.** | |
| 22 | Space Enclosure | | |  | 59 | Unintended Motion DN. In. | | | | | | | |  | 94 | | Normal Term. Stop Devices | | | | |  | ** OIL  SPRING  OTHER**  ** Marking Plate** | | | | ** OIL SPRING OTHER**  ** Marking Plate** | |
| 23 | Housekeeping | | |  | 60 | 125% Rated Load Test | | | | | | | |  | 95 | | Final Term. Stop Devices | | | | |  |
| 24 | Self-Closing/Locking Door | | |  | 61 | Rated Load Test | | | | | | | |  | 96 | | Compensating Means Equip. | | | | |  | **Buffer Plunger Return in 90 Seconds:  YES  NO  N/A** | | | | | |
| 25 | Temperature/Humidity Control | | |  | 62 | Recycle Operation Switch | | | | | | | |  | 97 | | Governor Rope Tension Device | | | | |  | **Pressure Test** | | | | | |
| 26 | Lighting | | |  | 63 | Pressure Switch | | | | | | | |  | 98 | | Supply Piping | | | | |  | **STATIC: \_\_\_\_\_\_\_\_\_\_PSI** | | | | **WORKING:\_\_\_\_\_\_\_\_\_\_PSI** | |
| 27 | Receptacles | | |  | 64 | Hot Oil (Normal) | | | |  | | (Fire Service) | |  | 99 | | Plunger and Cylinder | | | | |  | **EMPTY: \_\_\_\_\_\_\_\_\_\_PSI** | | | | **RELIEF: \_\_\_\_\_\_\_\_\_\_PSI** | |
| 28 | Fire Extinguisher | | |  | 65 | Low Oil (Normal) | | | |  | | (Fire Service) | |  | **OUTSIDE OF HOISTWAY** | | | | | | | | **Relief Valve Sealed ** | | | | **O/S Valve** Value: **Sealed ** | |
| 29 | Labeling of Disconnects | | |  | 66 | Battery Lowering | | | | | | | |  | 100 | | PIs/Message Displays | | | | |  | **Static Drift Test:** **\_\_\_\_\_\_\_\_\_\_\_\_Inch(s) per \_\_\_\_\_\_\_\_\_\_\_\_Minute(s)** | | | | | |
| 30 | Numbering of Equipment | | |  | 67 | Emergency Power Operation | | | | | | | |  | 101 | | Signage | | | | |  | **FIREMAN’S SERVICE  PHASE I  PHASE II** | | | | | |
| 31 | MCP/ Onsite Documentation | | |  | **TOP OF CAR AND HOISTWAY** | | | | | | | | | | 102 | | Fire Service Indicator/ Phase I Sw. | | | | |  | **FAID # of Smokes:\_\_\_\_\_\_\_** | | | | **# of Heats:\_\_\_\_\_\_\_** | |
| 32 | Wiring Diagrams | | |  | 68 | Top Access Switch | | | | | | | |  | 103 | | Emergency Power Jewel/ Sel. Sw. | | | | |  | **Main Recall Landing:\_\_\_\_\_\_\_\_\_\_\_** | | | | **Alt, Recall Landing:\_\_\_\_\_\_\_\_\_\_** | |
| 33 | Acceptance Tag | | |  | 69 | Top-of-Car Stop Switch | | | | | | | |  | 104 | | Fire Command Key Sw. | | | | |  | **Inspector Signature:** | | | | | |
| 34 | Alteration Tag | | |  | 70 | | Top-of-Car Light | | | | | | |  | 105 | | Emergency Com. Terminal | | | | |  |
| 35 | Current Test Tag | | |  | 71 | Top-of-Car Receptacle | | | | | | | |  | 106 | | Car Door Restrictor | | | | |  | **Mechanic Signature:** | | | | | |
|  |  | | |  |  |  | | | | | | | |  |  | |  | | | | |  |
| **Inspection Notes:** | | | |  |  |  | | | | | | | |  |  | |  | | | | |  | **Slide on Rail is minus the shoe** | | | |  | |
|  |  | | |  |  |  | | | | | | | |  |  | |  | | | | |  |  | | | |  | |