

## **Category 5 Test Report**

ASME 17.1 2010, Req. 8.6.4.20 Electric Elevators

Department of Consumer and Business Services Building Codes Division • Elevator Safety Program 1535 Edgewater NW, Salem, OR

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Refer to ASME A17.2 2010 for testing procedures

| Individual or firm performing tests:  | OEM  | OEM:   |  |
|---|--|--|--|
| Site name:  |  | Building ID:   | State ID:  |
| Rated speed: Rated load   | l:<br>   | Test due (mm/yy):  | Code date (mm/yy):   |
| CAR AND COUNTERWEIGHT SAFETIES — A17.1, Req. 8.6.4.20.1 and A17.2, Item 2.29; refer to Tables 2.29.2(a)-(e)   |  |  |  |
| Test date: Guide rails: Steel Wood  | Type: ☐ A ☐ B  | ☐ C ☐ Broken/slack rop   | Cwt. safeties:  Not applicable   |
| Machine type:       Overall condition (describe on separate report):         ☐ Traction       ☐ Drum       ☐ Roped hydraulic         ☐ Good       ☐ Repairs/adjustment before test       ☐ Repairs/adjustment after test  |  |  |  |
| Actual stopping distances: Minimum  |  | Slide:   | Test tags affixed? ☐ mm : ☐ in. ☐ Yes  |
| GOVERNORS — A17.1, Req. 8.6.4.20.2 and A17.2, Item 2.13; refer to Tables 2.13.2   |  |  |  |
| Car governor ( Test tag :   |  |  | ht governor ( Test tag affixed)  |
| Tripping speeds: Gov. rope size   |  |  | Gov. rope size Breaking strength:  |
| ms or fpm mm in.  |  |  | mm in kg. lb.  |
| Switch: Pull-through:   | Pull-out:  |  | Pull-through: Pull-out:  |
| N lbf   | N lbf  |  | N lbf N lbf  |
| Jaws: Cannot exceed 20% of governor-rope breaking strength  | Cannot exceed 60% of pull-through  | Jaws:  | Cannot exceed 20% of governor-rope breaking strength  Cannot exceed 60% of pull-through  |
|   |  | fugal  |  |
| OIL BUFFERS — A17.1, Req. 8.6.4.20.3 and A17.2, Items 3.28 and 5.12   |  |  |  |
| Car buffers: Refer to 8.11.2.3(b) and (c) Counterweight buffers: Refer to 8.11.2.3(b) and (c)   |  |  |  |
| - · · · · · · · · · · · · · · · · · · ·   | jer 10 0.11.2.5(b) ana (c)   | ☐ Test tag affixed ☐ Tested at rated speed with rated load in car  |  |
| ☐ Test tag affixed ☐ Tested at rated speed v  | •  | ☐ Test tag affixed   | ☐ Tested at rated speed with rated load in car   |
|   | with rated load in car   | ☐ Test tag affixed  Buffer switch operation:   |  |
| ☐ Test tag affixed ☐ Tested at rated speed v  | with rated load in car Runby:  | Buffer switch operation:   |  |
| ☐ Test tag affixed ☐ Tested at rated speed v  Buffer switch operation: Oil level: ☐ OK ☐ Repair/adjust ☐ OK ☐ Add oil   | with rated load in car Runby: in.  | Buffer switch operation:  OK Repair/adjust   | Oil level: Runby:  |
| ☐ Test tag affixed ☐ Tested at rated speed v  Buffer switch operation: Oil level: ☐ OK ☐ Repair/adjust ☐ OK ☐ Add oil   | with rated load in car Runby: in.  | Buffer switch operation:  OK Repair/adjust  4 and A17.2, Item 2.17   | Oil level:         Runby:           □ OK         □ Add oil   |
| □ Test tag affixed □ Tested at rated speed of Buffer switch operation: Oil level: □ OK □ Repair/adjust □ OK □ Add oil  BRAKING SYSTEM — 1  125% rated-load test: □ Passed □ Adjusted/repaired & retested  | vith rated load in car Runby: in.  A17.1, Req. 8.6.4.20. Class C-2 loading: Maintained level ca  | Buffer switch operation:  OK Repair/adjust  4 and A17.2, Item 2.17  Safely lowered an Passenger elev   | Oil level: Runby:  OK Add oil in.  Frefer to Table 8.6.4.20.4  d stopped with 125% of rated load: ator Freight allowed to carry passengers   |
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| Buffer switch operation: Oil level:  OK Repair/adjust OK Add oil  BRAKING SYSTEM — A  125% rated-load test:  Passed Adjusted/repaired & retested  EMERGENCY AND STANDE  125% of rated load  EMERGENCY TERMINAL STOPPIN  Bottom terminal run at rated speed  POWER OPENIN  Doors open only in landing zone Door  EMERGEN  Rope slip Drive stalled  LEVELING ZONE, LEVELING SPEE  Unlocking/inner landing zone:                                 | with rated load in car Runby:  | Buffer switch operation:  OK Repair/adjust  4 and A17.2, Item 2.17  Safely lowered an Passenger elev  TION — A17.1, Req. 8  IG DEVICES — A17.1  rated speed Adjusted/  17.1, Req. 8.6.4.20.7 arm (12 in.) of floor (static driv  TANCE — A17.1, Req. d-load test: Adjusted/  2 ONE — A17.1, Req. Leveling zone, non-static   | Oil level: Runby:  OK Add oil in.  Frefer to Table 8.6.4.20.4  d stopped with 125% of rated load: ator Freight allowed to carry passengers  3.6.4.20.5 and A17.2, Item 1.17  repaired and retested Passed  Req. 8.6.4.20.6 and A17.2, Item 2.28  repaired and retested Passed  Ad A17.2, Item 1.10  repaired and retested Passed  B.6.4.20.10  Passed  Reg. 8.6.4.20.10  Passed  Reg. 8.6.4.20.8,9 and A17.2, Table 1.10.2  Red. 8.6.4.20.8,9 and A17.2, Table 1.10.2  Red. 8.6.4.20.8,9 and A17.2, Table 1.10.2   |
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