# Traction Elevator Safety Test Report

**Northwest Colorado COUNCIL OF GOVERNMENTS — ELEVATOR INSPECTION PROGRAM**

## General Information

| | | |
|---|---|---|
| Building Name: | Manufacturer: | OPS Conveyance #: CP |
| Address: | Install Date: | Local Conveyance ID: |
| City: — Zip Code: | Capacity (lbs): — Stops: | Job/Contract #: |
| Rated Speed (fpm): | Inspector Present? ☐ Yes ☐ No  If Yes, inspector signs report | Duty:☐ Passenger ☐ Freight ☐ MRL |
| Test Date: | Type of test:☐ Acceptance ☐ Annual (Cat 1) ☐ Witnessed (Cat 5) | Freight Class: ☐ A ☐ B ☐ C |

## Governor

| | |
|---|---|
| Mechanical & visual check of governor operation: ☐ Pass ☐ Fail | Governor tripping speed: ☐ Pass ☐ Fail ( ☐ N/A Cat 1 Only) |
| Governor over-speed switch tripping speed: ☐ Pass ☐ Fail ( ☐ N/A prior to 2000 ) | Actual Tripping Speed: |
| Governor rope pull-through force (lbf): ☐ Pass ☐ Fail ( ☐ N/A Cat 1 Only) | Governor adjustments sealed? ☐ Yes ☐ No ☐ N/A |

## Safeties

| | | |
|---|---|---|
| Type of safety: ☐ A ☐ B ☐ C | Type C safety buffer oil loss? ☐ Yes ☐ No ☐ N/A | Braking system(125% rated load): ☐ Pass ☐ Fail ☐ N/A |
| Car safety, no load, slow speed: ☐ Pass ☐ Fail | | CW safety, no load, slow speed: ☐ Pass ☐ Fail ☐ N/A |
| Car safety, full load, rated speed: ☐ Pass ☐ Fail ☐ N/A | | CW safety, no load, rated speed: ☐ Pass ☐ Fail ☐ N/A |
| Slide of safety jaws on rail (in): Car: CW: ( ☐ N/A Cat 1) | | Elevator out of level after safety test? ☐ Yes ☐ No |

## Safety Devices

| | |
|---|---|
| Stop switches: **In car:** ☐ Pass ☐ Fail  **Pit:** ☐ Pass ☐ Fail  **Top of car:** ☐ Pass ☐ Fail | |
| Stop switch in machine room/space or control space: ☐ Pass ☐ Fail ☐ N/A | Escape hatch contact: ☐ Pass ☐ Fail ☐N/A |
| Directional limits: **Up:** ☐Pass ☐Fail **Down:** ☐Pass ☐Fail | Final limits: **Up:** ☐ Pass ☐ Fail **Down:** ☐ Pass ☐ Fail |
| NTSD: ☐ Pass ☐ Fail    ETSD: ☐ Pass ☐ Fail ☐ N/A    ETSD Means: ☐ Pass ☐ Fail (☐ N/A for cars not exceeding 200ft per minute) | |
| Broken rope, tape or chain switch tested: ☐ Pass ☐ Fail ☐ N/A | Traction-loss detection means: ☐ Pass ☐ Fail ( ☐ N/A prior to 2010) |
| Ascending car over-speed protection:☐ Pass ☐ Fail (☐ N/A prior to 2000 ) | Unintended car movement:☐ Pass ☐ Fail (☐ N/A prior to 2000 ) |
| Broken suspension member & residual strength detection means: ☐ Pass ☐ Fail ☐ N/A | Slack rope device: ☐ Pass ☐ Fail ☐ N/A (winding drum machines) |
| All electrical protective safety devices operate as intended: ☐ Pass ☐ Fail  (code reference A17.1 2.26.2) | |

## Buffers

| | |
|---|---|
| Type: ☐ Spring ☐ Solid ☐ Oil ☐ Spring Oil Return | Oil Buffer data plate in place? ☐ Yes ☐ No ☐ N/A |
| Car oil buffer rated load, rated speed: ☐ Pass ☐ Fail ☐ N/A | Excessive buffer oil leakage? ☐ Yes ☐ No |
| CWT oil buffer no load, rated speed: ☐ Pass ☐ Fail ☐ N/A | Car oil buffer return (90 seconds): ☐ Pass ☐ Fail ☐ N/A |
| CW oil buffer return (90 sec): ☐ Pass ☐ Fail ☐N/A  Buffer switch:☐ Pass ☐ Fail ☐ N/A | Oil Buffer tags installed? ☐ Yes ☐ No ☐ N/A |

## Doors and Power Down

| | | |
|---|---|---|
| Closing force (max. 30 lbf): | Closing time (sec): | Door monitoring: ☐ Pass ☐ Fail ( ☐ N/A prior to 2019) |
| Electronic edge/photo eye: ☐ Pass ☐ Fail ☐ N/A | Door restriction:☐ Pass ☐ Fail ☐ N/A | Door guides: ☐ Pass ☐ Fail |
| Mechanical safety edge: ☐ Pass ☐ Fail ☐ N/A | Interlocks/gate switches: ☐ Pass ☐ Fail | Controller Clean? ☐ Yes ☐ No |
| Proper fuses installed? ☐ Yes ☐ No ☐ N/A | Jumpers removed? ☐ Yes ☐ No | Wire connections tight? ☐ Yes ☐ No |

## Emergency Operations

| | | |
|---|---|---|
| Phase I recall: ☐ Pass ☐ Fail ☐ N/A | Fire service instruction signage in place? ☐ Yes ☐ No ☐ N/A | |
| Phase II operation: ☐ Pass ☐ Fail ☐ N/A | Remove fire contacts to test fire service: ☐ Pass ☐ Fail ☐ N/A | |
| Emergency communication: ☐ Pass ☐ Fail ☐ N/A | Alarm bell: ☐ Pass ☐ Fail ☐ N/A | Emergency lights: ☐ Pass ☐ Fail |
| Emergency power operation: ☐ Pass ☐ Fail ☐ N/A  Note: 125% of rated load required at acceptance | | Battery lowering: ☐ Pass ☐ Fail ☐ N/A |

## Other

| | |
|---|---|
| MCP logs updated? ☐ Yes ☐ No  (Per State Regs 2-3-3-3c) | Test tag installed? ☐ Yes ☐ No |
| **All Test Requirements ☐ Pass\* ☐ Fail**  *Pass may be checked only if all items on this test form meet adopted code requirements. | |

## Signatures

By signing below I certify all statements are true to the best of my knowledge and that all testing was performed according to current adopted codes.

| | |
|---|---|
| Mechanic name: | Contractor company name: |
| Mechanic signature: | Date: — State license #: |
| Inspector name: | Inspection company name: |
| Inspector signature: | Date: — State license #: |

Test Form Revised June 2022