

Traction Elevator Safety Test Report

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|----------------------|---|---|---|--|--|---|
| 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? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, inspector signs report | | | Duty: <input type="checkbox"/> Passenger <input type="checkbox"/> Freight | |
| | Test Date: | Type of test: <input type="checkbox"/> Acceptance <input type="checkbox"/> Category 1 <input type="checkbox"/> Category 5 witnessed | | | Freight Class: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C | |
| Governor | Mechanical & visual check of governor operation: <input type="checkbox"/> Pass <input type="checkbox"/> Fail | | | Governor tripping speed: <input type="checkbox"/> Pass <input type="checkbox"/> Fail | | |
| | Speed at which governor tripped: <input type="checkbox"/> Pass <input type="checkbox"/> Fail | | | Governor over-speed switch tripping speed: <input type="checkbox"/> Pass <input type="checkbox"/> Fail | | |
| | Slack rope device (winding drum machines): <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | | | Tripping speed setting in need of adjustment? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | Governor rope pull-through force (lbf): | | | Governor adjustments sealed? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| Safety | Type of safety: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C | | Type C safety buffer oil loss? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | | Braking system (125% rated load): <input type="checkbox"/> Pass <input type="checkbox"/> Fail | |
| | Car safety, no load, slow speed: <input type="checkbox"/> Pass <input type="checkbox"/> Fail | | CW safety, no load, slow speed: <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | | | |
| | Car safety, full load, rated speed: <input type="checkbox"/> Pass <input type="checkbox"/> Fail | | CW safety, no load, rated speed: <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | | | |
| | Slide of safety jaws on rail (in): Car: CW: | | Elevator out of level after safety test? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Safety Devices | Stop switches: In car: <input type="checkbox"/> Pass <input type="checkbox"/> Fail Pit: <input type="checkbox"/> Pass <input type="checkbox"/> Fail Top of car: <input type="checkbox"/> Pass <input type="checkbox"/> Fail | | | | | |
| | Stop switch in machine room/space or control space: <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | | | | Escape hatch contact: <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | |
| | Directional & final limits: Up: <input type="checkbox"/> Pass <input type="checkbox"/> Fail Down: <input type="checkbox"/> Pass <input type="checkbox"/> Fail | | | | Emergency limits: Up: <input type="checkbox"/> Pass <input type="checkbox"/> Fail Down: <input type="checkbox"/> Pass <input type="checkbox"/> Fail | |
| | Broken rope, tape or chain switch tested: <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | | | | Traction-loss detection means: <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | |
| | Ascending car over-speed protection and unintended car movement (no load / up direction) (Cat 1 Only): <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | | | | | |
| | Broken suspension member & residual strength detection means: <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | | | | | |
| | E/E/PES electrical protective devices operate as intended: <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A | | Maintenance company has provided a written checkout procedure & demonstrated that all E/E/PES electrical protective devices operate as intended? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | | | |
| Buffers | Type: <input type="checkbox"/> Spring <input type="checkbox"/> Solid <input type="checkbox"/> Oil | | | Buffer data plate in place? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | Car buffer rated load, rated speed: <input type="checkbox"/> Pass <input type="checkbox"/> Fail | | | Excessive buffer oil leakage? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | CWT buffer no load, rated speed: <input type="checkbox"/> Pass <input type="checkbox"/> Fail | | | Car oil buffer return (90 seconds): <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | | |
| | CW buffer return (90 seconds): <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | | | Buffer switch: <input type="checkbox"/> Pass <input type="checkbox"/> Fail | | Test tags installed? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Doors and Power Down | Closing force (max. 30 lbf): | | Safety edge: <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | | Door guides: <input type="checkbox"/> Pass <input type="checkbox"/> Fail | |
| | Closing time (sec): | Electronic edge/photo eye: <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | | Interlocks/gate switch/door restriction: <input type="checkbox"/> Pass <input type="checkbox"/> Fail | | |
| | Proper fuses installed? <input type="checkbox"/> Yes <input type="checkbox"/> No | | Jumpers removed? <input type="checkbox"/> Yes <input type="checkbox"/> No | | Wire connections tight? <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | Controller Clean? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | Relay(s) visually inspected? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| Emergency Operations | Phase I recall: <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | | | Phase I fire service instruction signage in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | | |
| | Phase II operation: <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | | | Phase II fire service instruction signage in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | | |
| | Emergency communication: <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA | | | Alarm bell: <input type="checkbox"/> Pass <input type="checkbox"/> Fail | | Emergency lights: <input type="checkbox"/> Pass <input type="checkbox"/> Fail |
| | Standby or emergency power operation: <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> NA Note: 125% of rated load is not required | | | | | |
| Other | Logs updated with this event? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | Test tag installed? <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | All Test Requirements <input type="checkbox"/> Pass* <input type="checkbox"/> 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 #: |