

TRACTION ELEVATOR INSPECTION REPORT

BUILDING NAME: _____

BUILDING NUMBER: _____ ELEVATOR NUMBER: _____

ADDRESS: _____

BUILDING REPRESENTATIVE: _____

CONTACT NUMBER: _____

DATE OF INSPECTION: _____ ASME A17.1 CODE YEAR: _____

TYPE OF ELEVATOR: PASSENGER____ SERVICE____ FREIGHT____ CARTLIFT____ DUMBWAITER____

MATERIAL LOADING CLASS: A____ B____ C1____ C2____ C3____

MACHINE: OVERHEAD GEARED____ GEARLESS____ WINDING DRUM____ BASEMENT GEARED____

MANUFACTURER: _____

CAPACITY (LBS): _____ CONTRACT SPEED(FPM): _____

1.0 ELEVATOR TEST DATA

1.1 FULL LOAD SPEED: UP____ DOWN____ EMPTY SPEED: UP____ DOWN____

1.2 MOTOR VOLTS: UP DOWN MOTOR AMPS: UP DOWN

FULL LOAD: _____ FULL LOAD: _____

BALANCE LOAD: _____ BALANCE LOAD: _____

EMPTY CAR: _____ EMPTY CAR: _____

1.3 TYPE OF SAFETY: A____ B____ C____

CAR SLIDE DISTANCE: _____ COUNTERWEIGHT SLIDE DISTANCE: _____

1.4 GOVERNOR TRIP SPEED: CAR____ COUNTERWEIGHT____

1.5 OVERSPEED SWITCH TRIP SPEED: CAR____ COUNTERWEIGHT____

1.6 SPEED REDUCING SWITCH: CAR____ COUNTERWEIGHT____

1.7 GOVERNOR ROPE PULL THROUGH FORCE (LBF): CAR____ COUNTERWEIGHT____

1.8 LOWER AND HOLD WITH 125% RATED LOAD: PASS____ FAIL____

1.9 UNINTENDED MOTION DEVICE STOPPING DISTANCE: 125% LOAD DOWN____ EMPTY CAR UP____

1.10 OIL BUFFER TEST: CAR FULL LOAD PASS____ FAIL____ COUNTERWEIGHT EMPTY CAR PASS____ FAIL____

1.11 OIL BUFFER RETURN TEST: CAR BUFFER-PASS____ FAIL____ COUNTERWEIGHT PASS____ FAIL____

1.12 ONE HOUR RUN TEST: PASS____ FAIL____ MOTOR TEMPERATURE: START____ FINISH____

1.13 DOOR SPEED (SEC): CLOSE____ OPEN____ CLOSING FORCE (LBF)____

INSPECTOR SIGN _____ BUILDING NAME/# _____ ELEVATOR# _____

November 1, 2023

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2.0 ELEVATOR MACHINE ROOM

2.1 ACCESS TO MACHINE ROOM	PASS___	FAIL___	N/A___
2.2 HEADROOM (7 FEET MINIMUM)	PASS___	FAIL___	N/A___
2.3 LIGHTING AND GFCI RECEPTACLES	PASS___	FAIL___	N/A___
2.4 MACHINE SPACE	PASS___	FAIL___	N/A___
2.5 HOUSEKEEPING – CLEANED AND PAINTED	PASS___	FAIL___	N/A___
2.6 HVAC – VENTILATION	PASS___	FAIL___	N/A___
2.7 FIRE EXTINGUISHER	PASS___	FAIL___	N/A___
2.8 GUARDS ON EQUIPMENT	PASS___	FAIL___	N/A___
2.9 PIPE, DUCT, WIRING AND BUSHINGS	PASS___	FAIL___	N/A___
2.10 NUMBER EQUIPMENT	PASS___	FAIL___	N/A___
2.11 FUSED DISCONNECT – SHUNT TRIP BREAKER	PASS___	FAIL___	N/A___
2.12 CONTROLLER FUSES AND OVERLOADS	PASS___	FAIL___	N/A___
2.13 BONDING WIRE AND GROUNDING	PASS___	FAIL___	N/A___
2.14 INSPECTION CONTROL	PASS___	FAIL___	N/A___
2.15 ABSORPTION OF REGENERATIVE DRIVE	PASS___	FAIL___	N/A___
2.16 GOVERNOR, OVERSPEED SWITCH TESTED AND SEALED	PASS___	FAIL___	N/A___
2.17 CODE DATA PLATE	PASS___	FAIL___	N/A___
2.18 DRIVE MACHINE AND SHEAVE	PASS___	FAIL___	N/A___
2.19 DRIVE MACHINE BRAKE	PASS___	FAIL___	N/A___
2.20 WINDING DRUM MACHINE, SLACK ROPE SWITCH AND ROPE FASTENING	PASS___	FAIL___	N/A___
2.21 GEARS, BEARINGS AND FLEXIBLE COUPLINGS	PASS___	FAIL___	N/A___
2.22 MOTOR GENERATOR SET	PASS___	FAIL___	N/A___
2.23 ROPE GRIPPER/SECONDARY BRAKE	PASS___	FAIL___	N/A___
2.24 SECONDARY LEVEL AND DEFLECTOR SHEAVES	PASS___	FAIL___	N/A___
2.25 DEADEND HITCH PLATES	PASS___	FAIL___	N/A___
2.26 MAINTENANCE CONTROL PROGRAM AND RECORDS	PASS___	FAIL___	N/A___
2.27 MONTHLY FIRE SERVICE TEST LOG	PASS___	FAIL___	N/A___
2.28 EMERGENCY POWER OPERATION (FULL LOAD IN CAR)	PASS___	FAIL___	N/A___
2.29 EARTHQUAKE INSPECTION AND TESTS	PASS___	FAIL___	N/A___
2.30 SMOKE DETECTORS_____ HEAT DETECTORS_____ SPRINKLERS_____	PASS___	FAIL___	N/A___

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3.0 ELEVATOR HOISTWAY – INSIDE

3.1 ACCESS TO HOISTWAY – CARTOP AND PIT	PASS___	FAIL___	N/A___
3.2 HOISTWAY AND PIT LIGHTING	PASS___	FAIL___	N/A___
3.3 HOISTWAY ENCLOSURE	PASS___	FAIL___	N/A___
3.4 HOISTWAY DEVIDER BEAMS AND LEDGES	PASS___	FAIL___	N/A___
3.5 ENTRANCE FRAMES (FULLY GROUTED)	PASS___	FAIL___	N/A___
3.6 DUST COVERS ² , FACIAS, TOP AND BOTTOM SHEAR GUARDS	PASS___	FAIL___	N/A___
3.7 VISION PANELS	PASS___	FAIL___	N/A___
3.8 HOISTWAY DOORS	PASS___	FAIL___	N/A___
3.9 HOISTWAY DOOR LOCKING DEVICES	PASS___	FAIL___	N/A___
3.10 MECHANICAL HOISTWAY DOOR CLOSURE	PASS___	FAIL___	N/A___
3.11 EMERGENCY DOORS IN BLIND HOISTWAY	PASS___	FAIL___	N/A___
3.12 HOISTWAY VENTILATION	PASS___	FAIL___	N/A___
3.13 TRAVELING CABLE SUSPENSION	PASS___	FAIL___	N/A___
3.14 TOP OF COUNTERWEIGHT CLEARANCE AND RUNBY	PASS___	FAIL___	N/A___
3.15 BOTTOM OF CAR CLEARANCE, RUNBY AND REFUGE SPACE	PASS___	FAIL___	N/A___
3.16 COUNTERWEIGHT, FRAME AND ROLLER GUIDES	PASS___	FAIL___	N/A___
3.17 COUNTERWEIGHT SHEAVE OR SHACKLES AND HITCH PLATE	PASS___	FAIL___	N/A___
3.18 COUNTERWEIGHT SAFETIES	PASS___	FAIL___	N/A___
3.19 CAR OVERHEAD AND DEFLECTOR SHEAVE CLEARANCE	PASS___	FAIL___	N/A___
3.20 NORMAL TERMINAL STOPPING DEVICES	PASS___	FAIL___	N/A___
3.21 FINAL TERMINAL STOPPING DEVICES	PASS___	FAIL___	N/A___
3.22 CAR AND COUNTERWEIGHT BUFFERS AND TAGS	PASS___	FAIL___	N/A___
3.23 PIT STOP SWITCHES	PASS___	FAIL___	N/A___
3.24 GOVERNOR ROPE TENSION SHEAVE	PASS___	FAIL___	N/A___
3.25 GUIDE RAILS, BRACKETS AND FASTENERS	PASS___	FAIL___	N/A___
3.26 COMPENSATION CHAINS – ROPES AND SHEAVE	PASS___	FAIL___	N/A___
3.27 FLOOR NUMBERS AND EMERGENCY IDENTIFICATION	PASS___	FAIL___	N/A___
3.28 PIPE, DUCT, WIRING AND BUSHINGS	PASS___	FAIL___	N/A___
3.29 EARTHQUAKE INSPECTION AND TESTS	PASS___	FAIL___	N/A___
3.30 SMOKE DETECTORS_____ HEAT DETECTORS_____ SPRINKLERS_____	PASS___	FAIL___	N/A___

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4.0 ELEVATOR CAR – OUTSIDE

4.1 CROSSHEAD DATA, HOIST ROPE AND GOVERNOR ROPE TAGS	PASS___ FAIL___ N/A___
4.2 STOP SWITCH	PASS___ FAIL___ N/A___
4.3 LIGHT AND GFCI RECEPTACLES – TOP AND BOTTOM	PASS___ FAIL___ N/A___
4.4 CARTOP OPERATING DEVICE	PASS___ FAIL___ N/A___
4.5 DOOR REOPENING DEVICE	PASS___ FAIL___ N/A___
4.6 DOOR OPENING RESTRICTOR	PASS___ FAIL___ N/A___
4.7 CLEARANCE, REFUGE SPACE AND CARTOP RAILING	PASS___ FAIL___ N/A___
4.8 CAR LEVELING DEVICE	PASS___ FAIL___ N/A___
4.9 CARTOP EMERGENCY EXIT AND SAFETY SWITCH	PASS___ FAIL___ N/A___
4.10 ELEVATOR NUMBER – TOP, BOTTOM AND COUNTERWEIGHT GUARD	PASS___ FAIL___ N/A___
4.11 PIPE, DUCT, WIRING AND BUSHINGS	PASS___ FAIL___ N/A___
4.12 HOISTWAY RUNNING CLEARANCE	PASS___ FAIL___ N/A___
4.13 CAR DOOR OPERATOR	PASS___ FAIL___ N/A___
4.14 TRAVELING CABLE SUSPENSION AND RUNNING CLEARANCE	PASS___ FAIL___ N/A___
4.15 CROSSHEAD, SIDE STILES AND SAFETY PLANK	PASS___ FAIL___ N/A___
4.16 CAR SAFETIES	PASS___ FAIL___ N/A___
4.17 GOVERNOR ROPE AND RELEASE CARRIER	PASS___ FAIL___ N/A___
4.18 HOIST ROPES, CARTOP SHEAVE OR SHACKLES AND HITCH PLATE	PASS___ FAIL___ N/A___
4.19 CAR PLATFORM GUARD – TOE GUARD	PASS___ FAIL___ N/A___

5.0 ELEVATOR CAR – INSIDE

5.1 CAR DOOR OR GATE	PASS___ FAIL___ N/A___
5.2 DOOR CLOSING FORCE	PASS___ FAIL___ N/A___
5.3 POWER OPENING OF DOOR OR GATE	PASS___ FAIL___ N/A___
5.4 POWER CLOSING OF DOOR OR GATE	PASS___ FAIL___ N/A___
5.5 CAR ENCLOSURE, INTERIOR FINISHES, SILL, FLOOR AND CEILING	PASS___ FAIL___ N/A___
5.6 CAR VISION PANELS AND GLASS DOORS	PASS___ FAIL___ N/A___
5.7 STOP SWITCHES	PASS___ FAIL___ N/A___
5.8 OPERATING CONTROL DEVICES	PASS___ FAIL___ N/A___
5.9 CAR LIGHTING AND GFCI RECEPTACLE	PASS___ FAIL___ N/A___
5.10 EMERGENCY LIGHT AND ALARM	PASS___ FAIL___ N/A___

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- 5.11 EMERGENCY EXIT SECURED FROM OUTSIDE PASS___ FAIL___ N/A___
- 5.12 VENTILATION PASS___ FAIL___ N/A___
- 5.13 ELEVATOR NUMBER PASS___ FAIL___ N/A___
- 5.14 DATA PLATE: CAPACITY, LOADING CLASS AND NUMBER OF PASSENGER PASS___ FAIL___ N/A___
- 5.15 SIGNAGE AND BRAILLE PLATES PASS___ FAIL___ N/A___
- 5.16 MEDICAL EMERGENCY PASS___ FAIL___ N/A___
- 5.17 CAR RIDE QUALITY PASS___ FAIL___ N/A___
- 5.18 EARTHQUAKE INSPECTION AND TEST PASS___ FAIL___ N/A___
- 5.19 FIREFIGHTER’S PHASE 2 OPERATION PASS___ FAIL___ N/A___

6.0 ELEVATOR HALL FIXTURES AND HOISTWAY ENTRANCES

- 6.1 HALL LANTERNS PASS___ FAIL___ N/A___
- 6.2 POSITIONS INDICATORS PASS___ FAIL___ N/A___
- 6.3 HALL CALL PUSH BUTTONS PASS___ FAIL___ N/A___
- 6.4 COMMUNICATION (LIGHT ANNUNCIATOR AND KEY SWITCH) PASS___ FAIL___ N/A___
- 6.5 MEDICAL EMERGENCY CALL – KEY SWITCH OR CARD READER PASS___ FAIL___ N/A___
- 6.6 BRAILLE PLATES AND EMERGENCY EVACUATION PLATES PASS___ FAIL___ N/A___
- 6.7 ELEVATOR NUMBER ON ENTRANCE FRAMES PASS___ FAIL___ N/A___
- 6.8 FIREFITHER’S PHASE 1 OPERATION AND INDICATOR LIGHT PASS___ FAIL___ N/A___
- 6.9 SMOKE DETECTORS_____HEAT DETECTORS_____SPRINKLERS_____ PASS___ FAIL___ N/A___
- 6.10 EMERGNECY POWER INDICATOR LIGHT PASS___ FAIL___ N/A___
- 6.11 EMERGENCY POWER SELECTOR KEY SWITCH PASS___ FAIL___ N/A___

ITEM #	COMMENT	CODE REFERENCE

