

WAC 296-96-23605 Examination of standard application material lifts, special purpose lifts, electric manlifts, and hand elevators.

(1) Examination standard application material lifts, special purpose lifts, electric manlifts and hand elevators shall conform to the following:

(a) Annual examination requirements for electrical elevators. Service providers' shall furnish documentation to include the following components or systems that shall be examined if installed.

(b) Inside car:

- (i) Door reopening device;
- (ii) Stop switches;
- (iii) Operating control devices*;
- (iv) Car auxiliary lighting**;
- (v) Car emergency signal;
- (vi) Car door or gate;
- (vii) Door closing force;
- (viii) Ventilation*;
- (ix) Restricted opening of car or hoistway doors;
- (x) Car ride*; and
- (xi) Stopping accuracy*.

(c) Machine room/control room:

- (i) Guarding of equipment;
- (ii) Stop switch;
- (iii) Disconnecting means and control;
- (iv) Controller wiring, fuses, grounding, etc.;
- (v) Machinery supports and fastenings;
- (vi) Drive machine brake;
- (vii) Traction drive machines;
- (viii) Gears, bearings, and flexible connections;
- (ix) Winding drum machine;
- (x) Absorption of regenerated power;
- (xi) Traction sheaves;
- (xii) Secondary and deflector sheaves;
- (xiii) Rope fastenings;
- (xiv) Operating devices;
- (xv) Code data plate**;
- (xvi) AC drives from a DC source;
- (xvii) Slack rope devices;
- (xviii) Wiring diagrams; and
- (xix) Rope retainers or restraints.

(d) Top-of-car:

- (i) Top-of-car stop switch;
- (ii) Car top light and outlet;
- (iii) Top-of-car operating device working platforms;
- (iv) Car, overhead, and deflector sheaves;
- (v) Crosshead data plate**;
- (vi) Traveling cables and junction boxes;
- (vii) Door and gate equipment;
- (viii) Car frame and stiles;
- (ix) Guide rails fastening and equipment;
- (x) Governor rope;
- (xi) Governor releasing carrier;
- (xii) Fastening and hitch plate;
- (xiii) Suspension means;
- (xiv) Compensation means;
- (xv) Working areas on the car top;
- (A) Means to prevent unexpected movement.

- (B) Unexpected car movement device.
- (C) Operating instructions for unexpected car movement device.
- (D) Operating instructions for egress and reentry procedure;
- (xvi) Machinery supports and fastenings;
- (xvii) Guarding of exposed auxiliary equipment;
- (xviii) Rope retainers and snag guards;
- (xix) Position restraints.
- (e) Outside hoistway:
 - (i) Car platform guard;
 - (ii) Hoistway doors;
 - (iii) Vision panels*;
 - (iv) Hoistway door locking devices;
 - (v) Access to hoistway;
 - (vi) Emergency and access hoistway openings;
 - (vii) Separate counterweight hoistway;
- (f) Pit:
 - (i) Pit access, lighting, stop switch and condition;
 - (ii) Bottom clearance and runby;
 - (iii) Traveling cables;
 - (iv) Compensating chains, ropes, and sheaves;
 - (v) Car frame and platform;
 - (vi) Working areas in the pit;
- (A) Means to prevent unexpected movement.
- (B) Unexpected car movement device.
- (C) Operating instructions for unexpected car movement device.
- (D) Operating instructions for egress and reentry procedure;
- (vii) Machinery supports and fastenings;
- (viii) Guarding of exposed auxiliary equipment; and
- (ix) Pit inspection operation.

Note: (*) May be combined with other items on the log.
 (**) A visual component that must be reported to the owner.

(2) Annual examination requirements for hydraulic elevators. Service providers shall furnish documentation to include the following components or systems that shall be examined if installed.

- (a) Inside the car:
 - (i) Door reopening device;
 - (ii) Stop switches;
 - (iii) Operating control devices*;
 - (iv) Car auxiliary lighting;
 - (v) Car emergency signal;
 - (vi) Car door or gate;
 - (vii) Door closing force;
 - (viii) Emergency exit;
 - (ix) Ventilation*;
 - (x) Signs and operating device symbols;
 - (xi) Restricted opening of car or hoistway doors;
 - (xii) Car ride*; and
 - (xiii) Stopping accuracy*.
- (b) Machine room/control room:
 - (i) Stop switch;
 - (ii) Disconnecting means and control;
 - (iii) Controller wiring, fuses, grounding, etc.;
 - (iv) Hydraulic power unit;
 - (v) Tanks**; and
 - (vi) Wiring diagrams.
- (c) Top-of-car:
 - (i) Top-of-car stop switch;

- (ii) Car top light and outlet;
- (iii) Top-of-car operating device and working platforms;
- (iv) Top emergency exit;
- (v) Traveling cables and junction boxes;
- (vi) Door and gate equipment;
- (vii) Car frame and stiles;
- (viii) Guide rails fastening and equipment;
- (ix) Governor rope;
- (x) Wire rope fastening and hitch plate;
- (xi) Suspension rope;
- (xii) Slack rope device;
- (xiii) Traveling sheave;
- (xiv) Crosshead data plate**; and
- (xv) Guarding of equipment.
- (d) Outside hoistway:
 - (i) Car platform guard;
 - (ii) Hoistway doors;
 - (iii) Vision panels*;
 - (iv) Hoistway door locking devices;
 - (v) Access to hoistway; and
 - (vi) Emergency doors in blind hoistways;
- (e) Pit:
 - (i) Pit access, lighting, stop switch, and condition;
 - (ii) Bottom clearance and runby;
 - (iii) Plunger and cylinder;
 - (iv) Traveling cables;
 - (v) Car frame and platform;
 - (vi) Supply piping;
 - (vii) Governor rope tension device;
 - (viii) Machinery supports and fastenings;
 - (ix) Guarding of exposed auxiliary equipment.

Note: (*) May be combined with other items on the log.
 (**) A visual component that must be report to the owner.

[Statutory Authority: Chapter 70.87 RCW. WSR 18-18-070, § 296-96-23605, filed 8/31/18, effective 10/1/18; WSR 13-24-066, § 296-96-23605, filed 11/27/13, effective 1/1/14.]