

WAC 296-96-23605 Examination of standard application material lifts, special purpose elevators, electric manlifts, and hand-powered manlifts. (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) Stop switches;
 - (ii) Operating control devices;
 - (iii) Car lighting and auxiliary lighting*;
 - (iv) Car emergency signal;
 - (v) Car door or gate;
 - (vi) Ventilation;
 - (vii) Restricted opening of car or hoistway doors;
 - (viii) Car ride;
 - (ix) Stopping accuracy;
 - (x) Car enclosure;
 - (xi) Emergency exits;
 - (xii) Signs and operating device symbols; and
 - (xiii) Equipment exposure to weather*.

- (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 brakes;
 - (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) Slack rope devices;
 - (xvii) Wiring diagrams;
 - (xviii) Rope retainers or restraints;
 - (xix) Equipment exposure to weather*; and
 - (xx) Fire extinguisher*.

- (d) Top-of-car:
 - (i) Top-of-car stop switch;
 - (ii) Car top light and outlet;
 - (iii) Top-of-car operating device and/or 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;
- (xx) Top emergency exit;
- (xxi) Hoistway construction*; and
- (xxii) Equipment exposure to weather*.
- (e) Outside hoistway:
 - (i) Car platform guard;
 - (ii) Hoistway doors;
 - (iii) Hoistway door locking devices;
 - (iv) Access to hoistway;
 - (v) Emergency and access hoistway openings;
 - (vi) Separate counterweight hoistway;
 - (vii) Elevator parking devices; and
 - (viii) Equipment exposure to weather*.
- (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) Machinery supports and fastenings;
 - (vii) Guarding of exposed auxiliary equipment;
 - (viii) Equipment exposure to weather*; and
 - (ix) Buffers.

Note: (*) 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) Stop switches;
 - (ii) Operating control devices;
 - (iii) Car lighting and auxiliary lighting;
 - (iv) Car emergency signal;
 - (v) Car door or gate;
 - (vi) Emergency exit;
 - (vii) Ventilation;
 - (viii) Signs and operating device symbols;
 - (ix) Restricted opening of car or hoistway doors;
 - (x) Car ride;
 - (xi) Stopping accuracy;
 - (xii) Car enclosure; and
 - (xiii) Equipment exposure to weather.
- (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*;

- (vi) Wiring diagrams;
- (vii) Code data plate*;
- (viii) Equipment exposure to weather*; and
- (ix) Fire extinguisher*.
- (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*;
 - (xv) Guarding of equipment; and
 - (xvi) Equipment exposure to weather*.
- (d) Outside hoistway:
 - (i) Car platform guard;
 - (ii) Hoistway doors;
 - (iii) Hoistway door locking devices;
 - (iv) Access to hoistway; and
 - (v) Equipment exposure to weather*.
- (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; and
 - (x) Equipment exposure to weather*.

Note: (*) A visual component that must be report to the owner.

[Statutory Authority: Chapter 70.87 RCW. WSR 21-18-096, §
 296-96-23605, filed 8/31/21, effective 10/1/21; 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.]