

**WAC 296-56-60133 Manlifts.** (1) You must inspect manlifts monthly by a designated person. Safety switches must be checked weekly. Manlifts found to be unsafe must not be operated until repaired. Inspections must include at least the following:

- (a) Step fastenings;
- (b) Rails;
- (c) Rail supports and fastenings;
- (d) Roller and slides;
- (e) Belt and belt tension;
- (f) Handholds and fastenings;
- (g) Floor landings;
- (h) Guardrails;
- (i) Lubrication;
- (j) Safety switches;
- (k) Warning signs and lights;
- (l) Illumination;
- (m) Drive pulley;
- (n) Bottom (boot) pulley and clearance;
- (o) Pulley supports;
- (p) Motor;
- (q) Drive mechanism;
- (r) Brake;
- (s) Electrical switches;
- (t) Vibration and misalignment;
- (u) "Skip" on up or down run when mounting the step (indicating worn gears); and
- (v) Emergency exit ladders.

(2) You must keep inspection records for at least one year. The record of the most recent inspection must be posted in the vicinity of the manlift or in the terminal.

(3) You must make sure an emergency stop device is available within easy reach from any position on the belt.

(4) You must conspicuously post manlift use instructions.

(5) You must provide an illuminated sign and red light that are visible to the user under the top floor opening of the manlift to warn the user to get off at that floor.

(6) You must provide a sign visible to descending passengers to warn them to get off at the bottom floor.

(7) You must provide an automatic stop device to stop the manlift when a loaded step passes the top landing, except that manlifts installed after October 3, 1983, must have two such devices.

(8) You must provide each step with a corresponding handhold.

(9) You must provide a fixed emergency ladder accessible from any position on the lift and meeting the requirements of WAC 296-56-60209 for the entire run of the manlift.

(10) You must meet the following requirements for landings:

(a) Clear and unobstructed landing spaces must be provided at each level. Manlifts constructed after October 3, 1983, that have a distance of fifty feet (15.24 m) or more between floor landings must have an emergency landing every twenty-five feet (7.62 m) or less of manlift travel.

(b) Open sides of emergency landings must be protected by guardrails.

(c) Floor landing entrances and exits must be guarded by mazes, self-closing gates, or equivalent protection.

(d) Landings must be of sufficient size and strength to support two hundred fifty pounds (1112 N).

(11) You must provide the ascending sides of manlift floor openings with cones or bevel guards to direct the user through the openings.

(12) You must equip, maintain, and use manlifts in accordance with the manufacturer's specifications, which must be available at the terminal.

(13) You must meet the following requirements for bottom pulleys:

(a) The lower pulley must be supported by the lowest landing.

(b) Sides of the bottom pulley support must be guarded to prevent contact with the pulley or the steps.

(14) You must provide a clearance of at least eleven feet (3.35 m) between the top landing and the ceiling.

(15) You must equip manlifts with brakes that are:

(a) Self-engaging;

(b) Electrically released; and

(c) Capable of stopping and holding the manlift when the descending side is loaded with the maximum rated load.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 15-24-102, § 296-56-60133, filed 12/1/15, effective 1/5/16. Statutory Authority: RCW 49.17.010, [49.17].040, and [49.17].050. WSR 00-21-103, § 296-56-60133, filed 10/18/00, effective 2/1/01. Statutory Authority: RCW 49.17.040 and 49.17.050. WSR 86-03-064 (Order 86-02), § 296-56-60133, filed 1/17/86; WSR 85-01-022 (Order 84-24), § 296-56-60133, filed 12/11/84.]