

**(Effective until October 1, 2020)**

**WAC 296-876-60050 Extensions and grab bars.** (1) You must make sure the side rails of through or side-step ladders extend forty-two inches above the top of the access level or landing platform.

Note: For a parapet ladder, the access level is:  
1. The roof if the parapet is cut to permit passage through it; or  
2. The top of the parapet if it is continuous and uncut.

(2) You must make sure the extension of a through ladder above the access level or landing platform has:

- (a) Steps or rungs omitted from the extension; and
- (b) Clearance between the side rails that is:
  - (i) Not less than twenty-four inches; or
  - (ii) Greater than thirty inches.

**EXEMPTION:** The maximum clearance between side rails of the extension may be increased to thirty-six inches if the ladder has a ladder safety device.

(3) You must make sure side-step ladders have the steps or rungs and the side rails continuous in the extension.

(4) You must make sure individual rung-step ladders are extended at least forty-two inches above the access level or landing platform by:

- (a) Continuing the rung spacings as horizontal grab bars; or
- (b) Providing vertical grab bars that have the same lateral spacing as the vertical legs of the rungs.

**EXEMPTION:** Extensions are not required for individual rung-step ladders with access openings through a manhole or hatch.

(5) You must make sure grab bars:

(a) Are at least four inches from the nearest permanent object in back of the grab bar, measured from the centerline of the grab bar; and

(b) Do not extend beyond the rungs on the climbing side of the ladder.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 16-23-141, § 296-876-60050, filed 11/22/16, effective 12/23/16. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW. WSR 14-09-095, § 296-876-60050, filed 4/22/14, effective 7/1/14. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 06-16-020, § 296-876-60050, filed 7/24/06, effective 12/1/06.]

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**EXEMPTION:** The maximum clearance between side rails of the extension may be increased to thirty-six inches if the ladder has a ladder safety device.

(3) You must make sure side-step ladders have the steps or rungs and the side rails continuous in the extension (see Figure D-2 in WAC 296-876-60030).

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(5) You must make sure grab bars:

(a) Are at least four inches from the nearest permanent object in back of the grab bar, measured from the centerline of the grab bar;

(b) Do not extend beyond the rungs on the climbing side of the ladder; and

(c) The minimum size (cross-section) of grab bars is the same size as the rungs of the ladder.

**EXEMPTION:** WAC 296-876-60050 (5)(c) applies to general industry only. See the exemption list in the scope section of WAC 296-876-100 for more information.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060 and chapter 49.17 RCW. WSR 20-09-146, § 296-876-60050, filed 4/21/20, effective 10/1/20. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 16-23-141, § 296-876-60050, filed 11/22/16, effective 12/23/16. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW. WSR 14-09-095, § 296-876-60050, filed 4/22/14, effective 7/1/14. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 06-16-020, § 296-876-60050, filed 7/24/06, effective 12/1/06.]