

WAC 296-874-40018 Meet these requirements when using fabricated frame scaffolds (tubular welded frame scaffolds). (1) You must make sure scaffolds over one hundred twenty-five feet (38.0 m) high above their base plates are:

- (a) Designed by a registered professional engineer; and
 - (b) Constructed and loaded as specified in the design.
- (2) You must brace frames and panels using crossbraces, horizontal braces, diagonal braces, or a combination thereof to secure vertical members together laterally.
- (3) You must make sure the length of the crossbraces will:
- (a) Automatically square and align the vertical members; and
 - (b) Make the scaffold plumb, level, and square.
- (4) You must secure all brace connections.
- (5) You must join frames and panels together vertically by using one of the following:
- (a) Coupling pins;
 - (b) Stacking pins;
 - (c) Equivalent means.
- (6) You must use pins or other equivalent means to lock scaffold frames or panels together vertically where uplift may occur.
- (7) You must make sure brackets used to support cantilevered loads are all of the following:
- (a) Seated with side-brackets parallel to the frames and end-brackets at ninety degrees to the frames;
 - (b) Not bent or twisted from these positions;
 - (c) Used only to support persons.

EXEMPTION: Brackets may be used to support cantilevered loads other than personnel if the scaffold has been:

- 1. Designed for other loads by a qualified engineer; and
- 2. Built to withstand the tipping forces caused by those loads.

(8) You must leave existing platforms undisturbed until new frames have been set in place and braced, then move the platforms to the next level.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40018, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 05-01-054, § 296-874-40018, filed 12/7/04, effective 3/1/05.]