Chapter 296-874 WAC
SCAFFOLDS

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WAC

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DISPOSITION OF SECTIONS FORMERLY CODIFIED IN THIS CHAPTER

296-874-20054 Provide fall protection if a scaffold is too far from the work face. [Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20054, 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, § 296-874-20054, filed 12/7/04, effective 3/1/05.] Repealed by WSR 20-12-091, filed 6/2/20, effective 10/1/20. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW.

296-874-20056 Provide specific fall protection for specific types of scaffolds. [Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20056, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 07-17-026, § 296-874-20056, filed 8/7/07, effective 10/6/07; WSR 05-01-054, § 296-874-20056, filed 12/7/04, effective 3/1/05.] Repealed by WSR 20-12-091, filed 6/2/20, effective 10/1/20. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW.

296-874-20058 Make sure personal fall arrest systems meet these requirements. [Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20058, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060 and 29 C.F.R. 1926, Subpart M, Fall Protection. WSR 13-04-073, § 296-874-20058, filed 2/4/13, effective 4/1/13. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 05-01-054, § 296-874-20058, filed 12/7/04, effective 3/1/05.] Repealed by WSR 20-12-091, filed 6/2/20, effective 10/1/20. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW.

296-874-20060 Make sure vertical lifelines used with personal fall arrest systems meet these requirements. [Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20060, 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, § 296-874-20060, filed 12/7/04, effective 3/1/05.] Repealed by WSR 20-12-091, filed 6/2/20, effective 10/1/20. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW.

296-874-20062 Make sure horizontal lifelines used with personal fall arrest systems meet these requirements. [Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20062, 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, § 296-874-20062, filed 12/7/04, effective 3/1/05.] Repealed by WSR 20-12-091, filed 6/2/20, effective 10/1/20. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW.

296-874-20064 Make sure guardrail systems meet these requirements. [Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20064, 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, § 296-874-20064, filed 12/7/04, effective 3/1/05.] Repealed by WSR 20-12-091, filed 6/2/20, effective 10/1/20. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW.

296-874-40010 Provide fall protection for persons erecting or dismantling supported scaffolds. [Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40010, 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, § 296-874-40010, filed 12/7/04, effective 3/1/05.] Repealed by WSR 20-12-091, filed 6/2/20, effective 10/1/20. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW.

296-874-40016 Meet these requirements when using crawling boards (chicken ladders). [Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 05-01-054, § 296-874-40016, filed 12/7/04, effective 3/1/05.] Repealed by WSR 07-17-026, filed 8/7/07, effective 10/6/07. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060.

296-874-500 Definitions. [Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 07-17-026, § 296-874-500, filed 8/7/07, effective 10/6/07; WSR 05-01-054, § 296-874-500, filed 12/7/04, effective 3/1/05.] Repealed by WSR 15-23-086, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050.

WAC 296-874-099 Definitions.

Adjustable suspension scaffold. A suspended scaffold equipped with one or more hoists that can be operated by employees on the scaffold.

Bearer. A horizontal scaffold member (which may be supported by ledgers or runners) upon which the scaffold platform rests and which joins scaffold uprights, posts, poles, and similar members.

Boatswain's chair. A single-point adjustable suspended scaffold consisting of a seat or sling designed to support one employee in a sitting position.

Brace. A rigid connection that holds one scaffold member in a fixed position with respect to another member, or to a building or structure.

Bricklayers' square scaffold. A supported scaffold composed of framed squares which support a platform.

Carpenters' bracket scaffold. A supported scaffold consisting of a platform supported by brackets attached to building or structural walls.

Catenary scaffold. A suspended scaffold consisting of a platform supported by two essentially horizontal and parallel ropes attached to structural members of a building or other structure. Additional support may be provided by vertical pickups.

Cleat. A structural block used at the end of a platform to prevent the platform from slipping off its supports. Cleats are also used to provide footing on sloped surfaces such as access ramps.

Competent person. Someone who:

(a) Is capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees; and

(b) Has the authority to take prompt corrective measures to eliminate them.

Coupler. A device for locking together the tubes of a tube and coupler scaffold.

Double-pole (independent pole) scaffold. A supported scaffold consisting of one or more platforms resting on cross beams (bearers) supported by ledgers and a double row of uprights independent of support (except ties, guys, braces) from any structure.

Equivalent. Alternative design, material, or method to protect against a hazard. You have to demonstrate that it provides an equal or greater degree of safety for employees than the method, material, or design specified in the rule.

Exposed power lines. Electrical power lines which are accessible to and may be contacted by employees. Such lines do not include extension cords or power tool cords.

Eye or **eye splice.** A loop at the end of a wire rope.

Fabricated frame scaffold (tubular welded frame scaffold). A scaffold consisting of platforms supported on fabricated frames with integral posts, horizontal bearers, and intermediate members.

Failure. Load refusal, breaking, or separation of component parts. Load refusal is the point where the ultimate strength is exceeded.

Float (ship) scaffold. A suspended scaffold consisting of a braced platform resting on two parallel bearers and hung from overhead supports by ropes of fixed length.

Form scaffold. A supported scaffold consisting of a platform supported by brackets attached to formwork.

Guardrail system. A vertical barrier consisting of, but not limited to, toprails, midrails, and posts, erected to prevent employees from falling off a scaffold platform or walkway.

Handrails (ladder stands). A rail connected to a ladder stand running parallel to the slope and/or top step.

Hoist. A manual or power-operated mechanical device to raise or lower a suspended scaffold.

Horse scaffold. A supported scaffold consisting of a platform supported by construction horses (saw horses). Horse scaffolds constructed of metal are sometimes known as trestle scaffolds.

Independent pole scaffold. (See double-pole scaffold.)

Interior hung scaffold. A suspended scaffold consisting of a platform suspended from the ceiling or roof structure by fixed length supports.

Ladder jack scaffold. A supported scaffold consisting of a platform resting on brackets attached to ladders.

Ladder stand. A mobile, fixed-size, self-supporting ladder consisting of a wide flat tread ladder in the form of stairs.

Landing. A platform at the end of a flight of stairs.

Large area scaffold. A pole scaffold, tube and coupler scaffold, system scaffold, or fabricated frame scaffold erected over substantially the entire work area. For example: A scaffold erected over the entire floor area of a room.

Lean-to scaffold. A supported scaffold which is kept erect by tilting it toward and resting it against a building or structure.

Ledger. (See runner.)

Lower levels. Areas below the level where the employee is located and to which an employee can fall. Such areas include, but are not limited to, ground levels, floors, roofs, ramps, runways, excavations, pits, tanks, materials, water, and equipment.

Masons' adjustable supported scaffold. (See self-contained adjustable scaffold.)

Masons' multipoint adjustable suspension scaffold. A continuous run suspended scaffold designed and used for masonry operations.

Maximum intended load. The total load of all persons, equipment, tools, materials, transmitted loads, and other loads reasonably anticipated to be applied to a scaffold or scaffold component at any one time.

Midrail. A rail, approximately midway between the toprail of a guardrail system and the platform, and secured to the uprights erected along the exposed sides and ends of a platform.

Mobile scaffold. Supported scaffold mounted on casters or wheels.

Multilevel suspended scaffold. A two-point or multipoint adjustable suspension scaffold with a series of platforms at various levels resting on common stirrups.

Multipoint adjustable suspension scaffold. A suspended scaffold consisting of a platform(s) which is suspended by more than two ropes from overhead supports and equipped with means to raise and lower the platform to desired work levels.

Needle beam scaffold. A suspended scaffold which has a platform supported by two bearers (needle beams) suspended from overhead supports.

Outrigger. A structural member of a supported scaffold which increases the base width of a scaffold. This provides support for and increases the stability of the scaffold.

Outrigger beam (suspended and supported). The structural member of a suspended scaffold or outrigger scaffold which provides support for the scaffold by extending the scaffold point of attachment to a point out and away from the structure or building.

Outrigger scaffold. A supported scaffold consisting of a platform resting on outrigger beams which projects beyond the wall or face of the building or structure. The inboard ends of the outrigger beams are secured inside the building or structure.

Overhand bricklaying. The process of laying bricks and masonry so that the surface of the wall is on the opposite side of the wall from the mason, requiring the mason to lean over the wall to complete the work. It includes mason tending and electrical installation incorporated into the brick wall during the overhand bricklaying process.

Platform. A work surface used in scaffolds, elevated above lower levels. Platforms can be constructed using individual wood planks, fabricated planks, fabricated decks, and fabricated platforms.

Pole scaffold. (See single-pole scaffold and double (independent) pole scaffold.)

Pump jack scaffold. A supported scaffold consisting of a platform supported by vertical poles and movable support brackets.

Qualified person. A person who has successfully demonstrated the ability to solve problems relating to the subject matter, work, or project, either by:

(a) Possession of a recognized degree, certificate, or professional standing; or

(b) Extensive knowledge, training and experience.

Rated load. The manufacturer's specified maximum load to be lifted by a hoist or to be applied to a scaffold or scaffold component.

Repair bracket scaffold. A supported scaffold consisting of a platform supported by brackets. The brackets are secured in place around the circumference or perimeter of a chimney, stack, tank, or other supporting structure by one or more wire ropes placed around the supporting structure.

Roof bracket scaffold. A supported scaffold used on a sloped roof. It consists of a platform resting on angular-shaped supports so that the scaffold platform is level.

Runner (ledger). The lengthwise horizontal spacing or bracing member which may support the bearers.

Scaffold. A temporary elevated platform, including its supporting structure and anchorage points, used for supporting employees or materials.

Self-contained adjustable scaffold. A combination supported and suspended scaffold consisting of an adjustable platform mounted on an independent supporting frame, not a part of the object being worked on, which is equipped with a means to raise and lower the platform. Such systems include rolling roof rigs, rolling outrigger systems, and some masons' adjustable supported scaffolds.

Shore scaffold. A supported scaffold which is placed against a building or structure and held in place with props.

Single-point adjustable suspension scaffold. A suspended scaffold consisting of a platform suspended by one rope from an overhead support and equipped with means to permit the movement of the platform to desired work levels.

Single-pole scaffold a supported scaffold. Consisting of platforms resting on bearers, the outside ends of which are supported on runners secured to a single row of posts or uprights, and the inner ends of which are supported on or in a structure or building wall.

Stair tower (scaffold stairway/tower). A tower comprised of scaffold components which contains internal stairway units and rest platforms. These towers are used to provide access to scaffold platforms and other elevated points such as floors and roofs.

Stall load. The load at which the prime mover of a power-operated hoist stalls or the power to the prime mover is automatically disconnected.

Step, platform, and trestle ladder scaffold. A platform resting directly on the rungs of a step, platform, or trestle ladder.

Stilts. A pair of poles or similar supports with raised footrests, used to permit walking above the ground or working surface.

Stonesetters' multipoint adjustable suspension scaffold. A continuous run suspended scaffold designed and used for stonesetters' operations.

Supported scaffold. One or more platforms supported by rigid means such as outrigger beams, brackets, poles, legs, uprights, posts, or frames.

Suspended scaffold. One or more platforms suspended from an overhead structure by ropes or other nonrigid means.

System scaffold. A scaffold consisting of posts with fixed connection points that accept runners, bearers, and diagonals that can be interconnected at predetermined levels.

Toeboard (scaffold). A barrier erected along the exposed sides and ends of a scaffold platform at platform level to prevent material, tools, and other loose objects from falling from the platform.

Top plate bracket scaffold. A scaffold supported by brackets that hook over or are attached to the top of a wall. This type of scaffold is similar to carpenters' bracket scaffolds and form scaffolds.

Tube and coupler scaffold. A scaffold consisting of platforms supported by tubing, erected with coupling devices connecting uprights, braces, bearers, and runners.

Tubular welded frame scaffold. (See fabricated frame scaffold.)

Tubular welded sectional folding scaffold. A sectional, folding metal scaffold either of ladder frame or inside stairway design. It is substantially built of prefabricated welded sections, which consist of end frames, platform frame, inside inclined stairway frame and braces, or hinged connected diagonal and horizontal braces. It can be folded into a flat package when the scaffold is not in use.

Two-point suspension scaffold (swing stage). A suspended scaffold consisting of a platform supported by hangers (stirrups), suspended by two ropes from overhead supports, and equipped with a means to permit the raising and lowering of the platform to desired work levels.

Unstable objects. Items whose strength, configuration, or lack of stability may allow them to become dislocated and shift and therefore may not properly support the loads imposed on them. Unstable objects do not constitute a safe base support for scaffolds, platforms, or employees. Examples include, but are not limited to, barrels, boxes, loose brick, and concrete blocks.

Vertical pickup. A rope used to support the horizontal rope in a catenary scaffold.

Walkway (scaffold). Part of a scaffold used only for access and not as a working level.

Window jack scaffold. A platform resting on a bracket or jack that projects through a window opening.

Work level. The elevated platform, used for supporting workers and their materials.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW. WSR 20-12-091, § 296-874-099, filed 6/2/20, effective 10/1/20. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-099, filed 11/17/15, effective 12/18/15.]

WAC 296-874-100 Scope. This chapter applies to suspended and supported scaffolds, including their supporting structure and anchorage points.

EXEMPTION: This chapter does not apply to:
1. Manually propelled elevating work platforms;
2. Self-propelled elevating work platforms;
3. Boom-supported elevating work platforms;
4. Aerial lifts;

5. Crane or derrick suspended personnel platforms;
6. Personnel platforms supported by powered industrial trucks (PITs).

Reference: Additional requirements for the following types of platforms are found in the general safety and health standards, chapter 296-24 WAC. Go to the following sections:
1. For elevating work platforms and aerial lifts, go to elevating work platforms, WAC 296-24-875;
2. For crane or derrick suspended personnel platforms, go to WAC 296-24-23533;
3. For personnel platforms supported by powered industrial trucks (PITs), go to chapter 296-863 WAC.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-100, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 07-17-026, § 296-874-100, filed 8/7/07, effective 10/6/07; WSR 05-01-054, § 296-874-100, filed 12/7/04, effective 3/1/05.]

WAC 296-874-200 General requirements for scaffolds. Section contents:

Your responsibility:

To make sure all scaffolds meet these requirements.

You must meet the requirements …	in this section:
Make sure scaffolds are properly designed and constructed	WAC 296-874-20002
Make sure scaffolds are erected, moved, altered, or dismantled by qualified persons	WAC 296-874-20004
Maintain structural integrity when intermixing scaffold components	WAC 296-874-20006
Make sure platforms are properly planked or decked	WAC 296-874-20008
Make sure platforms meet minimum width requirements	WAC 296-874-20010
Meet these requirements when using shorter platforms to create a longer platform	WAC 296-874-20012
Lay platform planks properly when the platform changes direction	WAC 296-874-20014
Stabilize the ends of platforms	WAC 296-874-20016
Keep platform sag within acceptable limits	WAC 296-874-20018
Provide safe access to scaffolds	WAC 296-874-20020
Make sure portable, hook-on, and attachable ladders meet these requirements	WAC 296-874-20022
Make sure stairway-type ladders meet these requirements	WAC 296-874-20024
Make sure stair towers meet these requirements	WAC 296-874-20026

You must meet the requirements …	in this section:
Make sure stair rails and handrails meet these requirements	WAC 296-874-20028
Make sure ramps and walkways used to access scaffolds meet these requirements	WAC 296-874-20030
Make sure surfaces used to access scaffolds are close enough to use safely	WAC 296-874-20032
Inspect scaffolds and scaffold components	WAC 296-874-20034
Make sure damaged or weakened scaffolds meet minimum strength requirements	WAC 296-874-20036
Make sure scaffolds are properly loaded	WAC 296-874-20038
Protect employees when moving scaffolds	WAC 296-874-20040
Increase employee working level height on scaffolds safely	WAC 296-874-20042
Control loads being hoisted near scaffolds	WAC 296-874-20044
Protect employees from energized power lines	WAC 296-874-20046
Protect employees from weather hazards	WAC 296-874-20048
Protect employees from slipping and tripping hazards	WAC 296-874-20050
Provide fall protection for employees on scaffolds	WAC 296-874-20052
Provide falling object protection	WAC 296-874-20066
Provide additional support lines on suspended scaffolds using a canopy for falling object protection	WAC 296-874-20068
Make sure toeboards meet these requirements	WAC 296-874-20070
Train employees who work on scaffolds	WAC 296-874-20072
Train employees who erect, dismantle, operate or maintain scaffolds	WAC 296-874-20074
Retrain employees when necessary	WAC 296-874-20076

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 26-15-109 (Order 26-05), s 296-874-200, filed 7/21/26, effective 8/21/26. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-200, 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, § 296-874-200, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20002 Make sure scaffolds are properly designed and constructed. (1) You must make sure scaffolds are:

(a) Designed by a qualified person; and

(b) Constructed according to that design.

(2) You must prohibit the use of shore and lean-to scaffolds.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20002, 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, § 296-874-20002, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20004 Make sure scaffolds are erected, moved, altered, or dismantled by qualified persons. You must make sure scaffolds are erected, moved, altered, or dismantled only when the work is:

(1) Supervised and directed by a competent person qualified in scaffold erection, moving, dismantling, or alteration; and

(2) Done by experienced and trained employees selected by the competent person.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20004, 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, § 296-874-20004, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20006 Maintain structural integrity when intermixing scaffold components. (1) You must make sure intermixed scaffold components:

(a) Fit together without force; and

(b) Maintain the scaffold's structural integrity.

(2) You must make sure a qualified person determines that modifying components in order to intermix them will result in a structurally sound scaffold.

(3) You must make sure scaffold components made of different metals are not used together.

EXEMPTION: Different types of metals may be used together if a competent person determines that galvanic action will not reduce the strength of any component to less than the minimum strength required.

Reference: The minimum strength requirements are found in the following sections:
1. Suspended scaffolds, WAC 296-874-30002;
2. Supported scaffolds, WAC 296-874-40002.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20006, 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, § 296-874-20006, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20008 Make sure platforms are properly planked or decked. (1) You must fully plank or deck each platform between the

front uprights and the guardrail supports on all working levels of a scaffold so that there is no more than one inch (2.5 cm):

(a) Between adjacent units; and

(b) Between the platform and the uprights.

EXEMPTION: 1. There may be more than one inch between platform units if all of the following are met:
a. You can demonstrate that a wider space is necessary, such as to fit around uprights when side brackets are used to extend the platform width;
b. The platform is planked or decked as fully as possible;
c. The open space between the platform and the guardrail supports is nine and one-half inches (24.1 cm) or less.
2. Platforms used solely as walkways or only by employees erecting or dismantling scaffolds do not have to be fully decked or planked if:
a. The planking provided makes for safe working conditions; and
b. Employees on those platforms are protected from falling.

REFERENCE		
Fall protection requirements for employees:	Are located in the following chapters:	In the following sections:
On walkways within scaffolds	Chapter 296-880 WAC, Unified safety standards for fall protection	WAC 296-880-30030
Erecting or dismantling supported scaffolds	Chapter 296-880 WAC, Unified safety standards for fall protection	WAC 296-880-30030
Erecting or dismantling suspended scaffolds in general industry	Chapter 296-24 WAC, General safety and health standards	Part J-1 Working surfaces, guarding floors and wall openings AND Part J-3 Powered platforms
Erecting or dismantling suspended scaffolds in construction work	Chapter 296-880 WAC, Unified safety standards for fall protection	WAC 296-880-30030, Scaffolds

(2) You must make sure wood platforms are not covered with an opaque finish.

EXEMPTION: Platform edges may be covered or marked for identification.

Note: Platforms may be coated periodically with wood preservatives, fire-retardant finishes, or slip-resistant finishes if the coating does not obscure the top or bottom wood surfaces.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 26-15-109 (Order 26-05), s 296-874-20008, filed 7/21/26, effective 8/21/26. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20008, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060 and 29 C.F.R. 1926, Subpart M, Fall Protection. WSR 13-04-073, § 296-874-20008, filed 2/4/13, effective 4/1/13. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 05-01-054, § 296-874-20008, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20010 Make sure platforms meet minimum width requirements. You must make sure scaffold platforms meet the minimum width requirements of Table 1, Minimum Platform Width.

Table 1
Minimum Platform Width

Type of Scaffold	Minimum Platform Width Required
Ladder jack scaffold Pump jack scaffold	12 inches (20 cm)

Type of Scaffold	Minimum Platform Width Required
Roof bracket scaffold Top plate bracket scaffold	
Boatswain's chair	No minimum width
All other scaffolds	18 inches (46 cm) **Exemption:** Platforms and walkways may be less than 18 inches (46 cm) wide if all of the following are met: 1. You can demonstrate that the area is so narrow that the platform or walkway cannot be at least 18 inches (46 cm) wide; 2. The platform or walkway is as wide as feasible; 3. Employees on those platforms or walkways are protected from falling by using guardrails or personal fall arrest systems.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20010, 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, § 296-874-20010, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20012 Meet these requirements when using shorter platforms to create a longer platform. (1) You must make sure, when platforms are overlapped to create a longer platform, that:

(a) The overlap is over a support;

(b) The platforms are either:

(i) Overlapped by at least twelve inches (30 cm); or

(ii) Are nailed together or otherwise prevented from moving.

(2) You must make sure, when platforms are butted together to create a longer platform, that each abutted platform end rests on a separate support surface.

Note: Platforms may butt together on a common support member if the member is designed to support abutting platforms, such as either:
1. A "T" section; or
2. Hook-on platforms designed to rest on common supports.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20012, 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, § 296-874-20012, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20014 Lay platform planks properly when the platform changes direction. You must do the following whenever platforms overlap to change direction:

(1) First lay the platform that rests on a bearer at an angle other than a right angle; then

(2) Lay the platform that is perpendicular to the bearer.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20014, 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, § 296-874-20014, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20016 Stabilize the ends of platforms. (1) You must make sure each end of a platform:

(a) Is cleated or restrained by hooks or equivalent means; or

(b) Extends over the centerline of its support at least six inches (15 cm).

(2) You must make sure the cantilevered portion of a platform meets at least one of the following:

(a) Is designed and installed to support employees or material without tipping;

(b) Has guardrails which block employee access to the cantilevered end;

(c) Extends over its support not more than:

(i) Twelve inches (30 cm) if the platform length is ten feet or less; or

(ii) Eighteen inches (46 cm) if the platform length is greater than ten feet.

Note: The cantilevered portion of a platform is the portion that is not supported on one end.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20016, 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, § 296-874-20016, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20018 Keep platform sag within acceptable limits. You must make sure a loaded platform does not sag more than one-sixtieth of the span.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20018, 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, § 296-874-20018, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20020 Provide safe access to scaffolds. (1) You must provide scaffold platforms more than two feet (0.6 m) above or below a point of access with at least one of the following means of access:

(a) Portable, hook-on, or attachable ladder;

(b) Stairway-type ladder;

(c) Ladder stand;

(d) Stair tower (scaffold stairway or tower);

(e) Ramp;

(f) Walkway;

(g) Integral prefabricated scaffold access;

(h) Direct access from another scaffold, structure, personnel hoist, or similar surface.

(2) You must make sure crossbraces are not used as a means of access.

Reference: For requirements about integral prefabricated scaffold access, go to WAC 296-874-40020.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20020, 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, § 296-874-20020, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20022 Make sure portable, hook-on, and attachable ladders meet these requirements. (1) You must position portable, hook-on, and attachable ladders so they do not tip the scaffold.

(2) You must make sure hook-on and attachable ladders meet all of the following:

(a) Specifically designed and used for that type of scaffold;

(b) Have rungs that are:

(i) Uniformly spaced;

(ii) Not more than sixteen and three-quarters inches apart;

(iii) At least eleven and one-half inches (29 cm) long;

(iv) Lined up vertically between rest platforms.

(3) You must position the bottom rung not more than twenty-four inches (61 cm) above the scaffold supporting level.

(4) You must have rest platforms at vertical intervals not greater than twenty-four feet (7.3 m) on supported scaffolds.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20022, 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, § 296-874-20022, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20024 Make sure stairway-type ladders meet these requirements. (1) You must make sure stairway-type ladders meet all of the following:

(a) Position the bottom step not more than twenty-four inches (61 cm) above the scaffold supporting level;

(b) Have rest platforms not more than twelve feet (3.7 m) apart vertically;

(c) Have slip-resistant surfaces on treads and landings;

(d) Have steps that:

(i) Are at least sixteen inches (41 cm) wide; and

(ii) Line up vertically between rest platforms.

(2) You must make sure mobile ladder stands have steps that are at least eleven and one-half inches (30 cm) wide.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20024, 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, § 296-874-20024, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20026 Make sure stair towers meet these requirements. (1) You must make sure stair towers (scaffold stairways or towers) meet all of the following:

(a) Are positioned so the bottom step is not more than twenty-four inches (61 cm) above the scaffold supporting level;

(b) Are at least eighteen inches (45.7 cm) wide between stair rails;

(c) Have slip-resistant surfaces on treads and landings;

(d) Are installed at an angle of forty to sixty degrees from the horizontal.

(2) You must provide a landing platform at least eighteen inches (45.7 cm) wide by eighteen inches (45.7 cm) long at each level.

(3) You must provide guardrails on the open sides and ends of each landing.

Reference: For requirements about guardrails, go to WAC 296-874-20064.

(4) You must make sure steps meet all of the following requirements:

(a) Line up vertically between rest platforms;

(b) Have uniform tread depth, within one-quarter inch (0.6 cm), for each flight of stairs;

(c) Have uniform riser height, within one-quarter inch (0.6 cm), for each flight of stairs.

Note: Riser height may have larger variations at the top step and bottom step of the entire stair system, but not at the top and bottom steps within each flight of stairs.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20026, 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, § 296-874-20026, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20028 Make sure stair rails and handrails meet these requirements. (1) You must provide a stair rail that meets all of the following on each side of a scaffold stairway:

(a) Has a toprail and midrail;

(b) Has a toprail that can serve as a handrail if a separate handrail is not provided;

(c) Is at least twenty-eight inches (71 cm) but not more than thirty-seven inches (94 cm) high.

Note: Stair rail height is measured from the upper surface of the stair rail to the surface of the tread, in line with the face of the riser at the forward edge of the tread.

(2) You must make sure stair rail systems and handrails have:

(a) A surface that prevents employees from:

(i) Being injured by punctures or lacerations; or

(ii) Snagging their clothing.

(b) Ends that do not create a projection hazard.

(3) You must make sure handrails, and top rails that are used as handrails:

(a) Provide an adequate handhold for employees to grasp to avoid falling; and

(b) Are at least three inches (7.6 cm) from other objects.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20028, 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, § 296-874-20028, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20030 Make sure ramps and walkways used to access scaffolds meet these requirements. (1) You must make sure ramps and walkways are not inclined at a slope steeper than one vertical in three horizontal (1:3 or 20 degrees from the horizontal).

(2) You must make sure ramps and walkways that are inclined at a slope steeper than one vertical in eight horizontal (1:8) have cleats to provide footing which are:

(a) Securely fastened to the planks; and

(b) Spaced not more than 14 inches (35 cm) apart.

Reference: Ramps and walkways that are four feet (1.2 m) or more above a lower level need to have a guardrail system. Those requirements are found in other chapters.
1. For general industry activities, go to working surfaces, guarding floors and wall openings, Part J-1, in the general safety and health standards, chapter 296-24 WAC;
2. For construction activities, go to floor openings, wall openings, and stairways, Part J, in the safety standards for construction work, chapters 296-155 and 296-880 WAC, Unified safety standards for fall protection.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 26-15-109 (Order 26-05), s 296-874-20030, filed 7/21/26, effective 8/21/26. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20030, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060 and 29 C.F.R. 1926, Subpart M, Fall Protection. WSR 13-04-073, § 296-874-20030, filed 2/4/13, effective 4/1/13. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 07-17-026, § 296-874-20030, filed 8/7/07, effective 10/6/07; WSR 05-01-054, § 296-874-20030, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20032 Make sure surfaces used to access scaffolds are close enough to use safely. You must make sure a surface used to provide access to or from a scaffold is not further from the scaffold than:

(1) Fourteen inches (36 cm) horizontally;

(2) Twenty-four inches (61 cm) vertically.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20032, 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, § 296-874-20032, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20034 Inspect scaffolds and scaffold components. You must make sure scaffolds and scaffold components are inspected for visible defects by a competent person:

(1) Before each work shift; and

(2) After anything occurs that could affect the scaffold's structural integrity.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20034, 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, § 296-874-20034, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20036 Make sure damaged or weakened scaffolds meet minimum strength requirements. You must make sure any scaffold or scaffold component that has been damaged or weakened so that it no

longer meets the minimum strength requirements of this chapter, is immediately either:

(1) Repaired, replaced, or braced to meet the minimum strength requirements; or

(2) Removed from service until repaired.

Reference: For information on minimum strength requirements for suspended and supported scaffolds, go to the following sections within this chapter:
1. Make sure suspended scaffolds and scaffold components meet these strength requirements, WAC 296-874-30002;
2. Make sure supported scaffolds and scaffold components meet these strength requirements, WAC 296-874-40002.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20036, 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, § 296-874-20036, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20038 Make sure scaffolds are properly loaded. (1) You must load scaffolds as specified in the:

(a) Manufacturer's instructions; or

(b) Design of the qualified person.

(2) You must make sure scaffolds and scaffold components do not exceed their maximum intended load or rated load, whichever is less.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20038, 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, § 296-874-20038, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20040 Protect employees when moving scaffolds. You must make sure scaffolds are not moved horizontally while employees are on them.

EXEMPTION: A scaffold may be moved horizontally with employees on it if the scaffold:
1. Has been specifically designed for such movement by a registered professional engineer; or
2. Is a mobile scaffold that meets the requirements of the section, Meet these requirements when moving mobile scaffolds, WAC 296-874-40012.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20040, 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, § 296-874-20040, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20042 Increase employee working level height on scaffolds safely. (1) You must make sure makeshift devices, such as boxes and barrels, are not used on scaffold platforms to increase the working level height for employees.

(2) You must meet all of the following when using stilts on scaffolds:

(a) Use stilts only on large area scaffolds.

(b) Increase the height of a guardrail system used for fall protection by an amount equal to the height of the stilts being used.

(c) Make sure scaffold platforms where stilts are used are flat and free of:

(i) Pits, holes, and obstructions such as debris; and

(ii) Other tripping or falling hazards.

(d) Make sure stilts are:

(i) Properly maintained; and

(ii) Not altered from the original equipment without the manufacturer's approval.

(e) Meet all of the following when using ladders on scaffolds:

(i) Use ladders only on large area scaffolds;

(ii) Secure the platform units to the scaffold to prevent movement;

(iii) Secure the scaffold against the sideways thrust exerted by the ladder if the ladder is placed against a structure that's not part of the scaffold;

(iv) Make sure the ladder legs are:

(A) Secured to prevent them from slipping or being pushed off the platform; and

(B) On the same scaffold platform, or use other means, to stabilize the ladder against uneven platform deflection.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20042, 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, § 296-874-20042, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20044 Control loads being hoisted near scaffolds. You must use a tag line or equivalent measures to control loads being hoisted onto or near a scaffold if the load could swing and contact the scaffold.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20044, 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, § 296-874-20044, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20046 Protect employees from energized power lines. You must make sure scaffolds are erected, moved, altered, or dismantled so that they, and any conductive material handled on them, are kept at least as far from exposed and energized power lines as shown in Table 2, Minimum Separation Distance from Energized Power Lines.

Table 2
Minimum Separation Distance from Energized Power Lines

Voltage	Minimum Separation Distance
Less than 300 volts (insulated lines)	3 feet (0.9 m)
Less than 300 volts (uninsulated lines)	10 feet (3.1 m)
300 volts to 50 kv	10 feet (3.1 m)
More than 50 kv	10 feet (3.1 m) + 0.4 inches (1.0 cm) for each 1 kv over 50 kv **Note:** You may use an alternative minimum separation distance of 2 times the length of the line insulator, but never less than 10 feet (3.1 m).

EXEMPTION: Scaffolds and conductive materials handled on scaffolds may be closer to power lines than the minimum separation distance specified in Table 2 if **all** of the following are met:
1. Less clearance is necessary to do the work;
2. The utility company or electrical system operator has been notified of the need to work closer to the power lines;
3. The utility company or electrical system operator has done at least one of the following:
a. De-energized the lines;
b. Relocated the lines to meet the minimum separation distance requirement;
c. Installed protective coverings over the lines to prevent accidental contact.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20046, 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, § 296-874-20046, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20048 Protect employees from weather hazards. (1) You must prohibit work on or from scaffolds during storms or high winds unless both of the following are met:

(a) A competent person has determined that it is safe for employees to be on the scaffold;

(b) The employees are protected by either:

(i) A personal fall arrest system; or

(ii) Wind screens.

(2) You must make sure wind screens are not used unless the scaffold is secured against the anticipated wind forces.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20048, 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, § 296-874-20048, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20050 Protect employees from slipping and tripping hazards. (1) You must make sure debris does not accumulate on platforms.

(2) You must prohibit employees from working on scaffolds covered with snow, ice, or other slippery material.

EXEMPTION: Employees may be on scaffolds as necessary to remove the slipping hazard.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20050, 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, § 296-874-20050, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20052 Provide fall protection for employees on scaffolds. See requirements in chapter 296-880 WAC, Unified safety standards for fall protection.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW. WSR 20-12-091, § 296-874-20052, filed 6/2/20, effective 10/1/20. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20052, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060 and 29 C.F.R. 1926, Subpart M, Fall Protection. WSR 13-04-073, § 296-874-20052, filed 2/4/13, effective 4/1/13. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 07-17-026, § 296-874-20052, filed 8/7/07, effective 10/6/07; WSR

07-03-163, § 296-874-20052, filed 1/24/07, effective 4/1/07; WSR 05-01-054, § 296-874-20052, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20066 Provide falling object protection.

Reference: Hardhats and possibly other personal protective equipment has to be used to protect employees exposed to overhead hazards.
1. Those requirements are found in the safety and health core rules, chapter 296-800 WAC.
2. Go to personal protective equipment (PPE), WAC 296-800-160.

(1) You must protect employees from being struck by tools, materials, or equipment falling from a scaffold by doing one or more of the following:

(a) Use a barricade to keep employees out of the area where falling objects could be a hazard.

(b) Install a toeboard along the edge of the platform anywhere an object could fall on an employee below.

(c) Install paneling or screening that covers from the top of the guardrail to the toeboard or platform anywhere the toeboard is **not** high enough to keep objects from falling off the platform.

(d) Install a guardrail system with openings small enough to keep potential falling objects from passing through.

(e) Erect a canopy structure, debris net, or catch platform over employees that does all of the following:

(i) Will contain or deflect falling objects;

(ii) Is strong enough to withstand the impact forces;

(iii) Is installed between the falling object hazard and the employees.

(2) You must make sure potential falling objects that are too large or heavy to be contained or deflected by the falling object protection you are using are:

(a) Moved away from the edge of the surface they could fall from; and

(b) Secured, as necessary, to prevent falling.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20066, 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, § 296-874-20066, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20068 Provide additional support lines on suspended scaffolds using a canopy for falling object protection. You must equip suspended scaffolds, that use a canopy for falling object protection, with additional independent support lines that meet all of the following:

(1) Have the same number of support lines as there are suspension ropes;

(2) Are equivalent in strength to the suspension ropes;

(3) Are not attached to the same point of anchorage as the suspension ropes.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20068, 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, § 296-874-20068, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20070 Make sure toeboards meet these requirements. You must make sure toeboards, when used, are:

(1) At least three and one-half inches (9 cm) high from the top edge of the toeboard to the platform;

(2) Securely fastened along the outer edge of the platform;

(3) Installed for enough distance along the platform to protect employees below;

(4) Installed so the gap between the bottom of the toeboard and the platform is one-quarter inch (0.7 cm) or less;

(5) Solid or with openings that are one inch (2.5 cm) or less in the largest dimension;

(6) Able to withstand, without failing, a force of at least fifty pounds (222 n) applied in a downward or horizontal direction anywhere along the toeboard.

EXEMPTION: On float (ship) scaffolds, an edging of three-quarters by one and one-half inch (2 x 4 cm) wood or the equivalent may be used instead of a toeboard.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20070, 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, § 296-874-20070, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20072 Train employees who work on a scaffold. (1) You must have a qualified person train each employee who works on a scaffold to:

(a) Recognize the hazards associated with the type of scaffold they are using; and

(b) Understand the procedures to control or minimize the hazards.

(2) You must include the following subjects in your training:

(a) Hazards in the work area and how to deal with them, including:

(i) Electrical hazards;

(ii) Fall hazards;

(iii) Falling object hazards;

(iv) How to erect, maintain, and disassemble the fall protection and falling object protection systems being used.

(b) How to:

(i) Use the scaffold;

(ii) Handle materials on the scaffold.

(c) The load-carrying capacity and maximum intended load of the scaffold.

(d) Any other requirements of this chapter that apply.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20072, 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, § 296-874-20072, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20074 Train employees who erect, dismantle, operate or maintain scaffolds. (1) You must have a competent person train each employee who erects, disassembles, moves, operates, repairs, maintains, or inspects scaffolds to recognize any hazards associated with the work.

(2) You must make sure the training includes at least the following subjects:

(a) Hazards in the work area and how to deal with them;
(b) The correct procedures for erecting, disassembling, moving, operating, repairing, inspecting, and maintaining the type of scaffold being used;
(c) The design criteria, maximum intended load-carrying capacity and intended use of the scaffold;
(d) Any other requirements of this chapter that apply.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20074, 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, § 296-874-20074, filed 12/7/04, effective 3/1/05.]

WAC 296-874-20076 Retrain employees when necessary. (1) You must retrain employees to reestablish proficiency if you believe they lack the skill or understanding to safely erect, use, or dismantle a scaffold.
(2) You must retraining is required in at least the following situations:
(a) An employee's work involving scaffolds is inadequate and indicates they lack the necessary proficiency.
(b) A change in **any** of the following that presents a hazard the employee has not been trained for:
(i) Worksite;
(ii) Type of scaffold;
(iii) Fall protection;
(iv) Falling object protection;
(v) Other equipment.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-20076, 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, § 296-874-20076, filed 12/7/04, effective 3/1/05.]

WAC 296-874-300 Suspended scaffolds.
Summary
Your responsibility:
To meet these requirements when using suspended scaffolds.

You must meet the requirements …	in this section:
Make sure suspended scaffolds and scaffold components meet these strength requirements	WAC 296-874-30002
Make sure suspended scaffold outrigger beams meet these requirements	WAC 296-874-30004
Make sure counterweights are safe and used properly	WAC 296-874-30006
Make sure tiebacks meet these requirements	WAC 296-874-30008
Make sure suspended scaffold support devices meet these requirements	WAC 296-874-30010

You must meet the requirements …	in this section:
Make sure scaffold hoists meet these requirements	WAC 296-874-30012
Make sure scaffold hoists retain enough suspension rope	WAC 296-874-30014
Make sure wire rope is in good condition	WAC 296-874-30016
Make sure wire suspension rope connections meet these requirements	WAC 296-874-30018
Make sure wire rope clips are used properly	WAC 296-874-30020
Prevent swaying of two-point and multipoint suspension scaffolds	WAC 296-874-30022
Use emergency escape and rescue devices appropriately	WAC 296-874-30024
Protect suspension ropes from heat or corrosive substances	WAC 296-874-30026
Take precautions while welding	WAC 296-874-30028
Prohibit use of gasoline-powered equipment on suspended scaffolds	WAC 296-874-30030
Meet these requirements when using catenary scaffolds	WAC 296-874-30032
Meet these requirements when using float (ship) scaffolds	WAC 296-874-30034
Meet these requirements when using interior hung scaffolds	WAC 296-874-30036
Meet these requirements when using multilevel suspended scaffolds	WAC 296-874-30038
Meet these requirements when using multipoint adjustable suspension scaffolds	WAC 296-874-30040
Meet these requirements when using needle beam scaffolds	WAC 296-874-30042
Meet these requirements when using single-point adjustable suspension scaffolds	WAC 296-874-30044
Meet these requirements when using two-point adjustable suspension scaffolds (swing stages)	WAC 296-874-30046

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-300, filed 11/17/15, effective 12/18/15. Statuto-

ry Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 05-01-054, § 296-874-300, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30002 Make sure suspended scaffolds and scaffold components meet these strength requirements. (1) You must meet the following strength requirements:

(a) Suspended scaffolds must support, without failure, the total of their own weight plus four times the maximum intended load;

(b) Suspended scaffold components must meet the requirements contained in Table 4, Suspended Scaffold Strength Requirements.

(2) Surfaces that support scaffold support devices must withstand four times the rated load of the hoist.

Note: Scaffold support devices include outrigger beams, cornice hooks, parapet clamps, and similar devices.

Table 4
Suspended Scaffold Strength Requirements

These scaffold components:	Must meet these strength requirements:
Adjustable scaffold Suspension ropes, including connecting hardware	Support six times the rated load of the hoist.
Adjustable scaffold Direct connections to roofs and floors Counterweights used to balance the scaffold	Resist four times the tipping moment with the scaffold operating at the rated load of the hoist.
Nonadjustable scaffold Suspension ropes, including connecting hardware	Support six times the maximum intended load applied or transmitted to the rope.
All other scaffold components	Support its own weight plus four times the maximum intended load.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30002, 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, § 296-874-30002, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30004 Make sure suspended scaffold outrigger beams meet these requirements. (1) You must make sure outrigger beams are made of structural metal or equivalent strength material.

(2) You must stabilize the inboard ends of outrigger beams by using either:

(a) Bolts or other direct connections to the floor or roof deck; or

(b) Counterweights and tiebacks.

EXEMPTION: Masons' multipoint adjustable scaffold outrigger beams **cannot** be stabilized by counterweights.

(3) You must make sure, before the scaffold is used, that a competent person:

(a) Evaluates the direct connections; and

(b) Confirms that the supporting surfaces can support the loads placed on them.

(4) You must make sure suspended scaffold outrigger beams are all of the following:

(a) Restrained to prevent moving;

(b) Provided with stop bolts or shackles at both ends;

(c) Securely fastened together with the flanges turned out when channel iron beams are used in place of I-beams;

(d) Set and maintained with the web in a vertical position;

(e) Placed so the suspension rope is centered over the stirrup.

(5) You must place outrigger beams at a right angle (perpendicular) to their bearing support.

EXEMPTION: Outrigger beams can be placed at other than a right angle (perpendicular) if:
1. You can demonstrate that immovable obstructions make it impossible to place the beams at a right angle (perpendicular) to their bearing support; and
2. Opposing angle tiebacks are used.

Note: The angle between the outrigger beam and the bearing support is usually the same as the angle between the outrigger beam and the face of the building or structure.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30004, 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, § 296-874-30004, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30006 Make sure counterweights are safe and used properly. (1) You must make sure counterweights:

(a) Are made of material that cannot flow; and

(b) Have been specifically designed to be used as counterweights.

Note: The following cannot be used as counterweights:
1. Sand, gravel and similar materials that can be easily dislocated;
2. Construction material such as masonry units and roofing felt.

(2) You must secure counterweights to outrigger beams by mechanical means to prevent them from being accidentally detached.

(3) You must leave counterweights attached to the outrigger beams until after the scaffold has been disassembled.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30006, 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, § 296-874-30006, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30008 Make sure tiebacks meet these requirements. (1) You must make sure tiebacks are equivalent in strength to the suspension ropes.

(2) You must make sure tiebacks are secured to a structurally sound anchorage on the building or structure and installed:

(a) At a right angle (perpendicular) to the face of the building or structure; or

(b) As opposing angle tiebacks.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30008, 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, § 296-874-30008, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30010 Make sure suspended scaffold support devices meet these requirements. You must make sure suspended scaffold sup-

port devices, such as cornice hooks, roof hooks, roof irons, parapet clamps, or similar devices, are:

(1) Made of steel, wrought iron, or other material of equivalent strength;

(2) Supported by bearing blocks;

(3) Prevented from moving by using tiebacks.

Reference: 1. For outrigger beam requirements, go to WAC 296-874-30004;
2. For tieback requirements go to WAC 296-874-30008.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30010, 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, § 296-874-30010, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30012 Make sure scaffold hoists meet these requirements. (1) You must make sure the stall load of any scaffold hoist is **not** more than three times its rated load.

(2) You must make sure the design of scaffold hoists has been tested by an independent nationally recognized testing laboratory.

(3) You must make sure scaffold hoists have both a:

(a) Normal operating brake; and

(b) Braking device or locking pawl which automatically engages when the hoist has an uncontrolled:

(i) Instantaneous change in momentum; or

(ii) An accelerated overspeed.

(4) You must prohibit use of gasoline-powered hoists on suspended scaffolds.

(5) You must enclose the gears and brakes of power-operated hoists used on suspended scaffolds.

(6) You must make sure manually operated hoists need a positive crank force to descend.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30012, 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, § 296-874-30012, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30014 Make sure scaffold hoists retain enough suspension rope. (1) You must make sure the suspension rope on winding drum hoists is long enough to wrap around the drum at least four times when the scaffold is at its lowest point of travel.

(2) You must make sure the suspension rope on hoists that do **not** use a winding drum:

(a) Is long enough to allow the scaffold to be lowered to the level below without the rope end passing through the hoist; or

(b) Has the rope end configured, or uses other means, to prevent it from passing through the hoist.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30014, 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, § 296-874-30014, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30016 Make sure wire rope is in good condition. (1) You must make sure a competent person inspects each rope for defects:

(a) Before each work shift; and

(b) After anything happens that could affect the rope's integrity.

(2) You must replace a rope if it has any of the following:

(a) Physical damage which impairs the function and strength of the rope;

(b) Kinks that could impair the tracking or wrapping of the rope around a drum or sheave;

(c) Six randomly distributed broken wires in one rope lay;

(d) Three broken wires in one strand of one rope lay;

(e) Loss of more than one-third of the original diameter of the outside wires caused by abrasion, corrosion, scrubbing, flattening or peening;

(f) Heat damage caused by a torch;

(g) Any damage caused by contact with electrical wires;

(h) Evidence that the secondary brake has been activated during an overspeed condition and has engaged the suspension rope.

(3) You must prohibit the use of repaired wire rope as suspension rope.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30016, 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, § 296-874-30016, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30018 Make sure wire suspension rope connections meet these requirements. (1) You must only use eye splice thimbles connected with shackles or cover plates and bolts to join wire suspension ropes together.

(2) You must make sure the load ends of wire suspension ropes are:

(a) Equipped with proper size thimbles; and

(b) Secured by eye splicing or an equivalent means.

(3) You must make sure all swaged attachments or spliced eyes on wire suspension rope have been made by either:

(a) The wire rope manufacturer; or

(b) A qualified person.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30018, 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, § 296-874-30018, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30020 Make sure wire rope clips are used properly. (1) You must make sure, if wire rope clips are used on suspended scaffolds, such as on the suspension ropes or support lines, that:

(a) A minimum of three clips are installed;

(b) The distance between clips is at least six rope diameters;

(c) Clips are installed according to the manufacturer's recommendations.

(2) You must retighten the clips to the manufacturer's recommendations after the initial loading.

(3) You must inspect the clips and retighten them to the manufacturer's recommendations at the start of each work shift.

(4) You must make sure U-bolt clips are not used at the point of suspension for any scaffold hoist.

(5) You must make sure, if U-bolt clips are used, that:

(a) The U-bolt is placed over the dead end of the rope; and

(b) The saddle is placed over the live end of the rope.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30020, 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, § 296-874-30020, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30022 Prevent swaying of two-point and multipoint suspension scaffolds. You must tie or use other means to keep two-point and multipoint suspension scaffolds from swaying, if an evaluation by a competent person determines it is necessary.

Note: Window cleaners' anchors **cannot** be used to secure scaffolds since they are not designed to withstand the load.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30022, 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, § 296-874-30022, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30024 Use emergency escape and rescue devices appropriately. You must make sure devices whose sole function is to provide emergency escape and rescue are not used as working platforms.

Note: Systems which are designed to function both as suspended scaffolds and emergency systems may be used as working platforms.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30024, 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, § 296-874-30024, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30026 Protect suspension ropes from heat or corrosive substances. (1) You must shield suspension ropes from heat-producing processes.

(2) You must make sure, when acids or other corrosive substances are used on a scaffold, that the suspension ropes are protected by at least one of the following:

(a) Shielding;

(b) Treating to protect the rope from the corrosive substances;

(c) Making the rope of material that the corrosive substance will not damage.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30026, 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, § 296-874-30026, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30028 Take precautions while welding. You must do the following to protect employees while welding on suspended scaffolds:

(1) Use an insulated thimble to attach each suspension wire rope to its hanging support, such as a cornice hook or outrigger;

(2) Insulate excess suspension wire rope and any additional independent lines to prevent grounding;

(3) Cover the wire suspension rope with insulating material that extends at least four feet (1.2 m) above the hoist;

(4) Make sure any tail line that extends below the hoist is:

(a) Insulated to prevent contact with the platform; and

(b) Guided or retained so it does not become grounded.

(5) Cover each hoist with an insulated protective cover;

(6) Connect the scaffold to the structure using a grounding conductor that:

(a) Is at least the size of the welding process work lead; and

(b) Is not in series with the welding process or the work piece.

(7) Shut off the welding machine if the scaffold grounding lead becomes disconnected;

(8) Make sure an active welding rod or an uninsulated welding lead is not allowed to contact the:

(a) Scaffold; or

(b) Scaffold suspension system.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30028, 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, § 296-874-30028, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30030 Prohibit use of gasoline-powered equipment on suspended scaffolds. You must make sure gasoline-powered equipment is **not** used on suspended scaffolds.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30030, 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, § 296-874-30030, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30032 Meet these requirements when using catenary scaffolds. (1) You must make sure catenary scaffolds have:

(a) No more than one platform between consecutive vertical pick-ups; and

(b) No more than two platforms per scaffold.

(2) You must make sure any platform that's supported by wire ropes has hook-shaped stops placed at each end of the platform that will prevent it from falling if one of the horizontal wire ropes breaks.

(3) You must make sure wire ropes are:

(a) Continuous and without splices between anchors; and

(b) Not tightened to the point that putting a load on the scaffold will overstress them.

Reference: For specific fall protection requirements for employees on catenary scaffolds, go to WAC 296-880-30030.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 26-15-109 (Order 26-05), s 296-874-30032, filed 7/21/26, effective 8/21/26. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30032, 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, § 296-874-30032, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30034 Meet these requirements when using float (ship) scaffolds. (1) You must support the platform with at least two bearers.

(2) You must make sure each bearer:

(a) Projects at least six inches (15.2 cm) beyond the platform on both sides; and

(b) Is securely fastened to the platform.

(3) You must make sure rope connections won't allow the platform to shift or slip.

(4) You must make sure scaffolds that only have two ropes used with each float meet all of the following:

(a) There are four rope ends that are securely fastened to overhead supports;

(b) Each supporting rope is hitched around one end of the bearer, passed under the platform to the other end of the bearer, and hitched again;

(c) There is enough rope at each end for the supporting ties.

Reference: For specific fall protection requirements for employees on float (ship) scaffolds, go to WAC 296-880-30030.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 26-15-109 (Order 26-05), s 296-874-30034, filed 7/21/26, effective 8/21/26. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30034, 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, § 296-874-30034, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30036 Meet these requirements when using interior hung scaffolds. (1) You must suspend the scaffold only from the roof structure or other structural member, such as ceiling beams.

(2) You must inspect the overhead supporting members and check to make sure they're strong enough before erecting the scaffold.

(3) You must connect suspension ropes and cables to the overhead supporting members by:

(a) Shackles, clips, or thimbles; or

(b) Other means that meet equivalent criteria, such as strength and durability.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30036, 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, § 296-874-30036, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30038 Meet these requirements when using multilevel suspended scaffolds. (1) You must equip scaffolds with additional independent support lines that meet all of the following:

(a) There are the same number of support lines as there are connection points for the suspension ropes;

(b) The support lines are equivalent in strength to the suspension ropes;

(c) The support lines are rigged to support the scaffold if the suspension ropes fail.

(2) You must make sure the independent support lines and the suspension ropes are not attached to the same points of anchorage.

(3) You must attach platform supports directly to the support stirrup and not to another platform.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30038, 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, § 296-874-30038, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30040 Meet these requirements when using multipoint adjustable suspension scaffolds.

Important:

This requirement applies when using multipoint adjustable suspension scaffolds, stonesetters' multipoint adjustable suspension scaffolds, and masons' multipoint adjustable suspension scaffolds.

(1) You must make sure masons' multipoint adjustable suspension scaffold connections are designed by an engineer experienced in designing this type of scaffold.

(2) You must make sure bridges between two or more scaffolds meet all of the following:

(a) The scaffolds were designed to be bridged;

(b) The bridges are articulated;

(c) The hoists are properly sized.

(3) You must make sure passage from one platform to another, without using bridges, is done only when the platforms are:

(a) At the same height; and

(b) Abutting.

(4) You must suspend scaffolds from:

(a) Metal outriggers, brackets, wire rope slings, or hooks; or

(b) Other means that meet equivalent criteria, such as strength and durability.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30040, 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, § 296-874-30040, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30042 Meet these requirements when using needle beam scaffolds. (1) You must install scaffold support beams on edge.

(2) You must use ropes or hangers for scaffold supports. One end of a needle beam scaffold may be supported by a permanent structural member.

(3) You must securely attach ropes to the needle beams.

(4) You must arrange the support connection to prevent the needle beam from rolling or becoming displaced.

(5) You must securely attach platform units to the needle beams with bolts or equivalent means.

Note: Cleats and overhang are not adequate means of attachment.

Reference: For specific fall protection requirements for employees on needle beam scaffolds, go to WAC 296-880-30030.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 26-15-109 (Order 26-05), s 296-874-30042, filed 7/21/26, effective 8/21/26. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30042, 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, § 296-874-30042, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30044 Meet these requirements when using single-point adjustable suspension scaffolds. (1) You must make sure two scaffolds that have been combined to form a two-point adjustable suspension scaffold meet the requirements of the section. Make sure two-point adjustable suspension scaffolds (swing stages) meet these requirements, WAC 296-874-30046.

(2) You must make sure scaffolds, where the suspension rope between the scaffold and the suspension device is not vertical, meet all of the following:

(a) The rigging has been designed by a qualified person;

(b) The scaffold is accessible to rescuers;

(c) The suspension rope is protected from chafing at any point where it changes direction;

(d) The scaffold is positioned so that swinging cannot bring the scaffold into contact with another surface.

(3) You must make sure boatswain's chair tackle meets all of the following:

(a) It consists of correct size ball bearing blocks or bushed blocks.

(b) The blocks contain safety hooks.

(c) The rope is properly eye spliced.

(d) The rope is either:

(i) First-grade manila rope that has a diameter of at least five-eighths inch (1.6 cm); or

(ii) Other rope that has equivalent characteristics, such as strength and durability.

(4) You must make sure boatswain's chair seat slings meet all of the following:

(a) Are reeved through four corner holes in the seat.

(b) Cross each other on the underside of the seat.

(c) Are rigged to prevent slipping which could cause the seat to become out-of-level.

(d) Are made from fiber, synthetic, or other rope which have:

(i) A diameter of at least five-eighths inch (1.6 cm); and

(ii) Characteristics equivalent to first grade manila rope, such as strength, slip resistance, and durability.

(5) You must make sure the seat sling of boatswain's chairs used when a heat-producing process, such as gas or arc welding, is being conducted is at least three-eighths inch (1.0 cm) wire rope.

(6) You must securely fasten cleats to the underside of noncross-laminated wood boatswain's chairs to prevent the board from splitting.

Reference: For specific fall protection requirements for employees on single-point adjustable suspension scaffolds, go to WAC 296-880-30030.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 26-15-109 (Order 26-05), s 296-874-30044, filed 7/21/26, effective 8/21/26. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30044, 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, § 296-874-30044, filed 12/7/04, effective 3/1/05.]

WAC 296-874-30046 Meet these requirements when using two-point adjustable suspension scaffolds (swing stages).

Important:

This section does not apply to two-point adjustable suspension scaffolds used as masons' or stonesetters' scaffolds.

Reference: For requirements for masons' or stonesetters' scaffolds, go to WAC 296-874-30040.

(1) You must make sure platforms more than 36 inches (0.9 m) wide have been designed by a qualified person to prevent unstable conditions.

(2) You must make sure platforms are one of the following:

(a) Ladder-type;

(b) Plank-type;

(c) Beam-type;

(d) Light-metal type.

(3) You must make sure the design of light-metal type platforms have been tested and listed by a nationally recognized testing laboratory if they:

(a) Have a rated capacity of 750 pounds or less; or

(b) Have a length of 40 feet (12.2 m) or less.

(4) You must securely fasten the platform to the hangers (stirrups) using U-bolts or other means that satisfy the section titled, Make sure suspended scaffolds and scaffold components meet these strength requirements, WAC 296-874-30002.

(5) You must make sure fiber or synthetic ropes are used with blocks that:

(a) Consist of at least one double and one single block and;

(b) Have sheaves that fit the size of the rope used.

(6) You must make sure employees move from one platform to another only when all of the following are met:

(a) The platforms are at the same height;

(b) The platforms are abutting;

(c) Walk-through stirrups are used that have been specifically designed to allow employee passage.

(7) You must make sure two-point scaffolds that are bridged or otherwise connected together when being raised or lowered meet both of the following:

(a) The bridge connections are articulated;

(b) The hoists are properly sized.

Reference: For specific fall protection requirements for employees on two-point adjustable suspension scaffolds, go to WAC 296-880-30030.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 26-15-109 (Order 26-05), s 296-874-30046, filed 7/21/26, effective 8/21/26. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-30046, 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, § 296-874-30046, filed 12/7/04, effective 3/1/05.]

WAC 296-874-400 Supported scaffolds.

Summary

Your responsibility:

To meet these requirements when using supported scaffolds.

You must meet the requirements …	in this section:
Make sure supported scaffolds and scaffold components meet strength requirements	WAC 296-874-40002
Prevent supported scaffolds from tipping	WAC 296-874-40004
Make sure supported scaffolds are properly supported	WAC 296-874-40006
Provide safe access for persons erecting or dismantling supported scaffolds	WAC 296-874-40008
Provide fall protection for persons erecting or dismantling supported scaffolds	WAC 296-874-40010
Meet these requirements when moving mobile scaffolds	WAC 296-874-40012
Meet these requirements when using bricklayers' square scaffolds (squares)	WAC 296-874-40014
Meet these requirements when using fabricated frame scaffolds (tubular welded frame scaffolds)	WAC 296-874-40018
Meet these requirements when using integral prefabricated scaffold access frames	WAC 296-874-40020
Meet these requirements when using form scaffolds and carpenter's bracket scaffolds	WAC 296-874-40022
Meet these requirements when using horse scaffolds	WAC 296-874-40024
Meet these requirements when using ladder jack scaffolds	WAC 296-874-40026
Meet these requirements when using outrigger scaffolds	WAC 296-874-40028
Meet these requirements when using pole scaffolds	WAC 296-874-40030
Meet these requirements when using pump jack scaffolds	WAC 296-874-40032

You must meet the requirements …	in this section:
Meet these requirements when using repair bracket scaffolds	WAC 296-874-40034
Meet these requirements when using roof bracket scaffolds	WAC 296-874-40036
Meet these requirements when using step, platform and trestle ladder scaffolds	WAC 296-874-40038
Meet these requirements when using tube and coupler scaffolds	WAC 296-874-40040
Meet these requirements when using window jack scaffolds	WAC 296-874-40042

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-400, 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, § 296-874-400, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40002 Make sure supported scaffolds and scaffold components meet strength requirements. You must make sure each supported scaffold and scaffold component can support, without failure, the total of its own weight plus at least four times the maximum intended load applied or transmitted to it.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40002, 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, § 296-874-40002, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40004 Prevent supported scaffolds from tipping. (1) You must make sure supported scaffolds with a height to least base dimension ratio of greater than four to one are prevented from tipping by one or more of the following:

(a) Guying;

(b) Tying;

(c) Bracing;

(d) Other equivalent means.

Note: The least base dimension includes outriggers, if used.

(2) You must install guys, ties, and braces where horizontal members support both the inner and outer legs of the scaffold.

(3) You must install guys, ties, and braces:

(a) According to the scaffold manufacturer's recommendations; or

(b) At all points where the following horizontal and vertical planes meet:

(i) First vertical level at a height equal to four times the least base dimension.

(ii) Subsequent vertical levels every:

(A) Twenty feet (6.1 m) or less for scaffolds having a width of three feet (0.91 m) or less;

(B) Twenty six feet (7.9 m) or less for scaffolds more than three feet (0.91 m) wide.

(iii) Horizontally at:

(A) Each end of the scaffold; and

(B) Intervals of thirty feet (9.1 m) or less.

Note: The thirty-foot horizontal intervals are measured from one end of the scaffold to the other.

(4) You must make sure the highest level of guys, ties, or braces is no further from the top of the scaffold than a distance equal to four times the least base dimension.

(5) You must make sure scaffolds that have an eccentric load applied or transmitted to them, such as a cantilevered work platform, are prevented from tipping by one or more of the following:

(a) Guying;

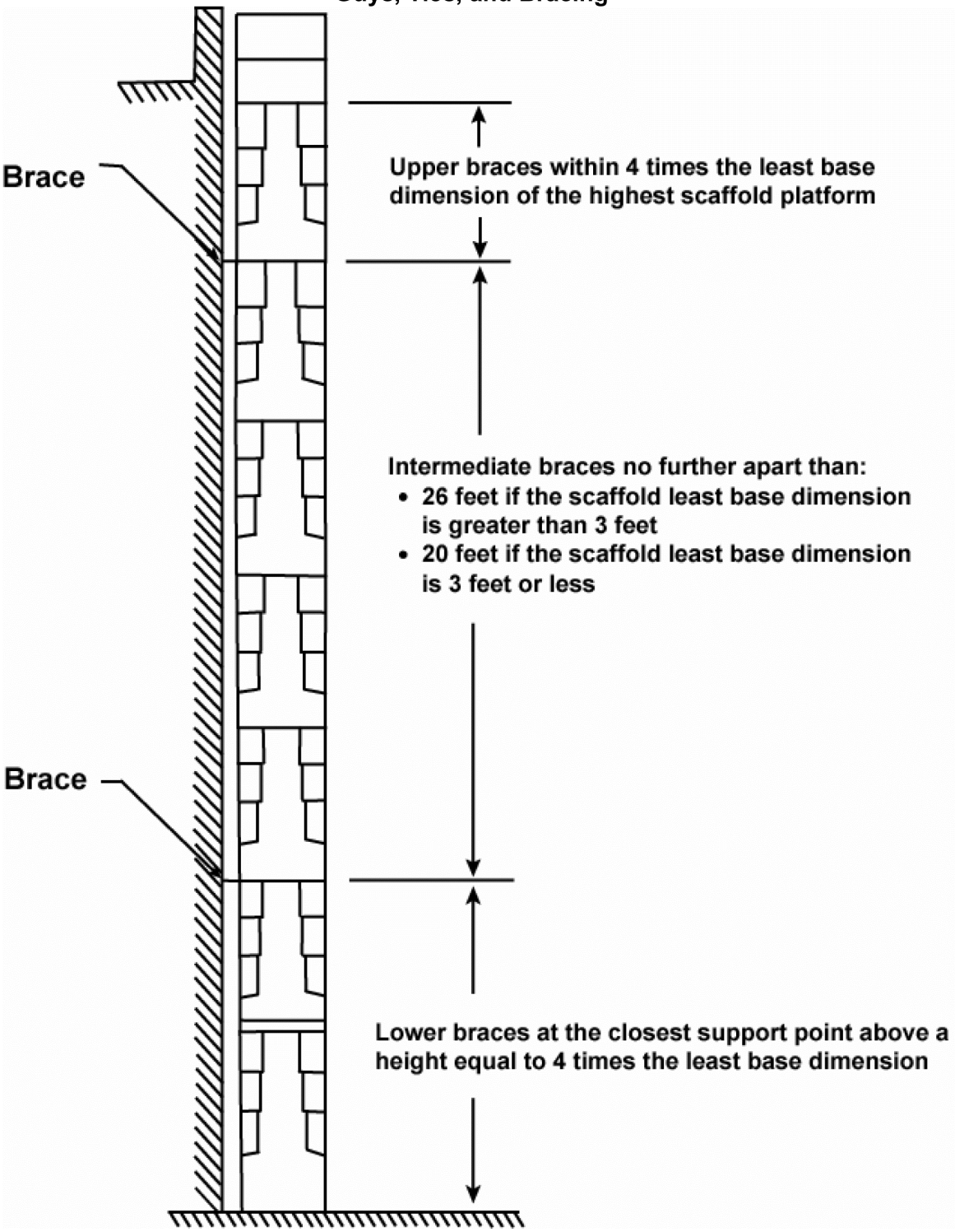
(b) Tying;

(c) Bracing;

(d) Outriggers;

(e) Other equivalent means.

Guys, Ties, and Bracing



[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40004, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 07-17-026, § 296-874-40004, filed 8/7/07, effective 10/6/07; WSR 07-03-163, § 296-874-40004, filed 1/24/07, effective 4/1/07; WSR 05-01-054, § 296-874-40004, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40006 Make sure supported scaffolds are properly supported. (1) You must make sure supported scaffold poles, legs, posts, frames, and uprights are:

(a) Plumb; and

(b) Braced to prevent swaying or displacement.

(2) You must make sure supported scaffold poles, legs, posts, frames, and uprights, bear on base plates that rest on:

(a) Mudsills; or

(b) Other firm foundations such as concrete or dry, compacted soil.

(3) You must make sure foundations are all of the following:

(a) Level;

(b) Sound;

(c) Rigid;

(d) Capable of supporting the loaded scaffold without settling or displacement.

Note: The condition of the foundation may change due to weather or other factors. If changes occur, the foundation needs to be evaluated by a competent person to make sure it will safely support the scaffold.

(4) You must make sure unstable objects are not used:

(a) To support scaffolds or platform units; or

(b) As working platforms.

(5) You must make sure mobile scaffolds meet these additional requirements:

(a) Wheel and caster stems are pinned or otherwise secured in the scaffold legs or adjustment screws;

(b) Wheels and casters are locked, or equivalent means are used, to prevent movement when the scaffold is being used;

(c) Screw jacks or other equivalent means are used if it's necessary to level the work platform.

(6) You must make sure front-end loaders and similar equipment used to support scaffold platforms have been specifically designed for such use by the manufacturer.

Reference: When forklifts or other powered industrial trucks are used for personnel lifting on support scaffold platforms, follow the requirements found in Forklifts and other powered industrial trucks, chapter 296-863 WAC.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 17-01-119, § 296-874-40006, filed 12/20/16, effective 1/20/17. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40006, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 07-17-026, § 296-874-40006, filed 8/7/07, effective 10/6/07; WSR 07-03-163, § 296-874-40006, filed 1/24/07, effective 4/1/07; WSR 05-01-054, § 296-874-40006, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40008 Provide safe access for persons erecting or dismantling supported scaffolds. (1) You must provide a safe means of access for persons erecting or dismantling scaffolds if it is:

(a) Feasible; and

(b) Does **not** create a greater hazard.

(2) You must have a competent person determine the feasibility of providing safe access.

(3) You must make sure the determination is based on site conditions and the type of scaffold being erected or dismantled.

(4) You must install a hook-on or attachable ladder as soon as scaffold erection has progressed to a point where it can be safely installed and used.

(5) You must make sure crossbraces on tubular welded frame scaffolds are not used to access or egress from the scaffold.

(6) You must make sure the frames of tubular welded frame scaffolds that are used as climbing devices meet all of the following:

(a) Create a usable ladder;

(b) Provide good hand holds and foot space;

(c) Have horizontal members that are all of the following:

(i) Parallel;

(ii) Level;

(iii) Spaced not more than twenty two inches apart vertically.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40008, 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, § 296-874-40008, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40012 Meet these requirements when moving mobile scaffolds. (1) You must make sure, before a scaffold is moved, that employees on the scaffold are made aware of the move.

(2) You must apply manual force being used to move a scaffold:

(a) As close to the base as practicable; and

(b) Within five feet (1.5 m) of the supporting surface.

(3) You must make sure power systems used to propel mobile scaffolds have been designed for such use.

(4) You must make sure forklifts, trucks, similar motor vehicles, or add-on motors are not used to propel scaffolds unless the scaffold has been designed to be used with that type of propulsion system.

(5) You must stabilize scaffolds to prevent tipping when they're being moved.

(6) You must make sure a scaffold is not moved with employees riding on it unless all of the following are met:

(a) The surface on which the scaffold is being moved is:

(i) Within three degrees of level; and

(ii) Free of pits, holes, and obstructions;

(b) No employee is on any part of the scaffold which extends out beyond the wheels, casters, or other supports;

(c) Outrigger frames, when used, are installed on both sides of the scaffold;

(d) The power system, if used:

(i) Applies the propelling force directly to the wheels; and

(ii) Produces a speed of one foot per second (.3 mps) or less;

(e) The height of the scaffold:

(i) Is not more than two times the least base dimension; or

(ii) The scaffold is designed and constructed to meet or exceed nationally recognized stability test requirements, such as those listed in ANSI/SIA A92.5, Boom-Supported Elevating Work Platforms, and ANSI/SIA A92.6, Self-Propelled Elevating Work Platforms.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40012, 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, § 296-874-40012, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40014 Meet these requirements when using bricklayers' square scaffolds (squares). (1) You must reinforce wood scaffolds with gussets on both sides of each corner.

(2) You must make sure diagonal braces are installed:

(a) On all sides of each square;

(b) Between squares on the front and back sides of the scaffold;

(c) Extending from the bottom of each square to the top of the next square.

(3) Make sure scaffolds meet all of the following:

(a) Are no more than three tiers high;

(b) Are constructed and arranged so that each square rests directly above another square;

(c) The upper tiers:

(i) Stand on a continuous row of planks laid across the next lower tier; and

(ii) Are nailed down or otherwise secured to prevent displacement.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40014, 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, § 296-874-40014, filed 12/7/04, effective 3/1/05.]

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.]

WAC 296-874-40020 Meet these requirements when using integral prefabricated scaffold access frames. (1) You must make sure integral prefabricated scaffold access frames meet all of the following:

(a) Have been specifically designed and constructed to be used as ladder rungs;

(b) Have a rung length of at least eight inches (20 cm);

(c) Have a maximum spacing between rungs of sixteen and three quarters inches (43 cm);

(d) Are uniformly spaced within each frame section;

(e) Have rest platforms at least every 20 feet (6.1 m) on all supported scaffolds more than 24 feet (7.3 m) high.

Note: Nonuniform rung spacing caused by joining end frames together is allowed, provided the resulting spacing does not exceed sixteen and three quarters inches (43 cm).

(2) You must make sure, when panels with rungs that are less than eleven and one-half inches long are used as work platforms, that employees use either:

(a) A positioning device; or

(b) A personal fall arrest system.

Reference: For personal fall arrest system requirements and construction activities, go to chapter 296-880 WAC, Unified safety standards for fall protection.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 26-15-109 (Order 26-05), s 296-874-40020, filed 7/21/26, effective 8/21/26. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40020, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060 and 29 C.F.R. 1926, Subpart M, Fall Protection. WSR 13-04-073, § 296-874-40020, filed 2/4/13, effective 4/1/13. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 05-01-054, § 296-874-40020, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40022 Meet these requirements when using form scaffolds and carpenter's bracket scaffolds. (1) You must secure folding-type metal brackets that have been extended for use, with:

(a) Bolts; or

(b) Locking-type pins.

(2) You must make sure wooden-bracket form scaffolds are an integral part of the form panel.

(3) You must attach each bracket, other than those for wooden bracket-form scaffolds, to the supporting formwork or structure by using one or more of the following:

(a) Nails;

(b) A metal stud attachment device;

(c) Welding;

(d) Hooking over a secured structural supporting member, with the form wales either:

(i) Bolted to the form; or

(ii) Secured by snap ties or tie bolts extending through the form and securely anchored.

(e) For carpenters' bracket scaffolds only, using a bolt extending through to the opposite side of the structure's wall.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40022, 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, § 296-874-40022, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40024 Meet these requirements when using horse scaffolds. (1) You must make sure horse scaffolds are not constructed or arranged higher than two tiers or ten feet (3.0 m), whichever is less.

(2) You must do all of the following if horses are arranged in tiers:

(a) Place each horse directly over the horse in the tier below;

(b) Nail down or otherwise secure the legs of each horse to prevent displacement;

(c) Crossbrace each tier.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40024, 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, § 296-874-40024, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40026 Meet these requirements when using ladder jack scaffolds. (1) You must make sure the platform height is not higher than 20 feet (6.1 m).

(2) You must make sure ladder jacks are designed and constructed so they rest:

(a) On the side rails and ladder rungs together; or

(b) Only on the rungs.

(3) You must make sure ladder jacks that rest on rungs only have a bearing area that includes a length of at least 10 inches (25.4 cm) on each rung.

(4) You must make sure ladders used to support ladder jacks are:

(a) Type I (250 pound rated capacity) or Type IA (300 pound rated capacity); and

(b) Are placed, fastened, or equipped with devices to prevent slipping.

Note: Ladders with a duty rating or weight capacity greater than a Type I ladder (250 pounds) satisfy the requirement to use a Type I or Type IA ladder.

(5) You must make sure job-made ladders are not used to support ladder jack scaffolds.

(6) You must make sure scaffold platforms are not bridged together.

Reference: 1. There are specific fall protection requirements for employees using ladder jack scaffolds. Go to WAC 296-880-30030.
2. Requirements for portable and fixed ladders are found in chapter 296-876 WAC, Ladders, portable and fixed.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 26-15-109 (Order 26-05), s 296-874-40026, filed 7/21/26, effective 8/21/26. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40026, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 06-16-020, § 296-874-40026, filed 7/24/06, effective 12/1/06; WSR 05-01-054, § 296-874-40026, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40028 Meet these requirements when using outrigger scaffolds. (1) You must make sure outrigger scaffolds and scaffold components are:

(a) Designed by a registered professional engineer; and

(b) Constructed and loaded as specified in the design.

(2) You must make sure the part of the outrigger beam from the fulcrum point to the inboard end (farthest point of anchorage) is at least one and one-half times longer than the part from fulcrum point to the outboard end (the platform side).

(3) You must place I-beam or channel shaped outrigger beams so that the web section is vertical.

(4) You must make sure the fulcrum point of outrigger beams rests on secure bearings at least six inches (15.2 cm) in each horizontal dimension.

(5) You must make sure outrigger beams are:

(a) Secured in place to prevent movement; and

(b) Securely braced at the fulcrum point against tipping.

(6) You must securely anchor the inboard ends of outrigger beams by using one or both of the following:

(a) Braced struts bearing against sills that are in contact with the overhead beams or ceiling; or

(b) Tension members secured to the floor joists below.

(7) You must securely brace the entire supporting structure to prevent any horizontal movement.

(8) You must nail, bolt, or otherwise secure platform units to the outriggers to prevent platform displacement. Platform units must extend to within three inches of the building wall.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40028, 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, § 296-874-40028, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40030 Meet these requirements when using pole scaffolds. (1) You must make sure pole scaffolds over sixty feet high are:

(a) Designed by a registered professional engineer; and

(b) Constructed and loaded as specified in the design.

(2) You must leave existing platforms undisturbed until new bearers have been set in place and braced before moving the platforms to the new level.

(3) You must install bracing on double-pole scaffolds as follows:

(a) Crossbracing between the inner and outer sets of poles;

(b) Diagonal bracing in both directions across the entire outside face of the scaffold;

(c) Diagonal bracing in both directions across the entire inside face of scaffolds that are used to support loads equivalent to a uniformly distributed load of fifty pounds (22.7 kg) or more per square foot (929 square cm).

(4) You must install diagonal bracing on single pole scaffolds in both directions across the entire outside face of the scaffold.

(5) You must make sure runners meet all of the following:

(a) Are installed on edge;

(b) Extend over a minimum of two poles;

(c) Are supported by bearing blocks securely attached to the poles.

(6) You must make sure bearers are:

(a) Installed on edge; and

(b) Extend a minimum of three inches (7.6 cm) over the outside edges of runners.

(7) You must make sure runners, bearers, and braces are not spliced between poles.

(8) You must make sure wood poles that are spliced together meet both of the following:

(a) The ends of the poles at the splice:

(i) Are square; and

(ii) The upper section rests squarely on the lower section.

(b) Wood splice plates are provided that meet all of the following:

(i) Are installed on at least two adjacent sides;

(ii) Extend at least two feet (0.6 m) on either side of the splice;

(iii) Overlap the abutted ends equally;

(iv) Have the same cross-sectional areas as the pole.

Note: Splice plates of material other than wood may be used if they are of equivalent strength.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 17-01-119, § 296-874-40030, filed 12/20/16, effective 1/20/17. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40030, 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, § 296-874-40030, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40032 Meet these requirements when using pump jack scaffolds. (1) You must make sure pump jack brackets, braces, and accessories are made from metal plates and angles.

(2) You must make sure pump jack brackets have two positive gripping mechanisms to prevent any failure or slippage.

(3) You must secure poles to the structure using rigid triangular bracing or the equivalent located at all of the following:

(a) Top;

(b) Bottom;

(c) Other points on the pole as necessary.

(4) You must do both of the following when the pump jack has to pass bracing that's already installed:

(a) Install an additional brace approximately four feet (1.2 m) above the brace to be passed.

(b) Leave it in place until:

(i) The pump jack has been moved; and

(ii) The original brace is reinstalled.

(5) You must make sure work benches are not used as scaffold platforms.

Note: A work bench may be used as a toprail only if it meets the toprail requirements in Make sure guardrail systems meet these requirements, WAC 296-874-20064.

(6) You must make sure wood poles used with pump jack scaffolds are:

(a) Straight grained; and

(b) Free of shakes, large loose or dead knots, and other defects which might impair strength.

(7) You must make sure wood poles that are constructed of two continuous lengths are joined together with the seam parallel to the bracket.

(8) You must install a mending plate at all splices to develop the full strength of the member when splicing two by fours together to make a pole.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40032, 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, § 296-874-40032, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40034 Meet these requirements when using repair bracket scaffolds. (1) You must make sure brackets are all of the following:

(a) Secured in place by at least one wire rope that's at least one-half inch (1.27 cm) in diameter;

(b) Attached to the securing wire rope by a positive locking device, or equivalent, that will prevent the bracket from being unintentionally detached from the rope;

(c) Provided with a shoe, heel block, foot, or a combination that:

(i) Is located at the contact point between the supporting structure and the bottom of the bracket; and

(ii) Will prevent lateral movement of the bracket.

(2) You must secure the platforms to the brackets in a way that prevents:

(a) The platforms from separating from the brackets; and

(b) The platforms or brackets from moving on a completed scaffold.

(3) You must make sure wire rope placed around the structure to provide a safe anchorage for personal fall arrest systems used by employees erecting or dismantling scaffolds:

(a) Is at least five-sixteenths inch (0.8 cm) in diameter;

(b) Provides an anchorage that meets the requirements of WAC 296-880-40020;

(c) For construction activities, go to chapter 296-880 WAC, Unified safety standards for fall protection.

(4) You must make sure each wire rope used for securing brackets in place or as an anchorage for personal fall arrest systems is all of the following:

(a) Protected from damage due to contact with edges, corners, protrusions, or other parts of the supporting structure or scaffold components;

(b) Tensioned by a turnbuckle or equivalent means. Turnbuckles must be:

(i) At least one inch (2.54 cm) in diameter; and

(ii) Connected to the other end of its rope by an eye splice thimble that's sized appropriate to the turnbuckle.

(c) **Not** used with U-bolt wire rope clips.

(5) You must make sure materials are not dropped to the outside of the supporting structure.

(6) You must erect the scaffold by progressing around the structure in only one direction.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 26-15-109 (Order 26-05), s 296-874-40034, filed 7/21/26, effective 8/21/26. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40034, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060 and 29 C.F.R. 1926, Subpart M, Fall Protection. WSR 13-04-073, § 296-874-40034, filed 2/4/13, effective 4/1/13. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 05-01-054, § 296-874-40034, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40036 Meet these requirements when using roof bracket scaffolds. You must make sure scaffold brackets meet all of the following:

(1) Are constructed to fit the pitch of the roof;

(2) Provide a level support for the platform;

(3) Are anchored in place by nails.

Note: If it's not practical to use nails to anchor brackets, secure them in place with first grade manila rope of at least three-quarters inch (1.9 cm) diameter, or equivalent.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40036, 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, § 296-874-40036, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40038 Meet these requirements when using step, platform and trestle ladder scaffolds. (1) You must make sure ladders used to support step, platform, and trestle ladder scaffolds are:

(a) Type I (250 pound rated capacity) or Type IA (300 pound rated capacity); and

(b) Placed, fastened, or equipped with devices to prevent slipping.

Note: Ladders with a duty rating or weight capacity greater than a Type I ladder (250 pounds) satisfy the requirement to use a Type I or Type IA ladder.

(2) You must make sure job-made ladders are not used to support step, platform, and trestle ladder scaffolds.

Reference: 1. There are specific fall protection requirements for employees using step, platform, and trestle ladder scaffolds. Go to WAC 296-880-30030.
2. Requirements for portable and fixed ladders are found in chapter 296-876 WAC, Ladders, portable and fixed.

(3) You must make sure scaffold platforms are not placed higher than the second highest rung or step of the ladder supporting the platform.

(4) You must make sure scaffold platforms are not bridged together.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 26-15-109 (Order 26-05), s 296-874-40038, filed 7/21/26, effective 8/21/26. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40038, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 06-16-020, § 296-874-40038, filed 7/24/06, effective 12/1/06; WSR 05-01-054, § 296-874-40038, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40040 Meet these requirements when using tube and coupler scaffolds. (1) You must make sure tube and coupler scaffolds over one hundred twenty-five feet high are:

(a) Designed by a registered professional engineer; and

(b) Constructed and loaded as specified in the design.

(2) You must leave existing platforms undisturbed until new bearers have been set in place and braced before moving the platforms to the new level.

(3) You must install crossbracing across the width of the scaffold that meets all of the following:

(a) Bracing is installed at:

(i) Each end of the scaffold; and

(ii) At least at every third set of posts horizontally and every fourth runner vertically.

(b) Bracing extends diagonally from the:

(i) Outer posts or runners upwards to the next inner posts or runners; and

(ii) Inner posts or runners upwards to the next outer posts or runners.

(4) You must install building ties:

(a) At the bearer levels between the crossbracing; and

(b) At locations specified in WAC 296-874-40004.

(5) You must install longitudinal bracing on straight run scaffolds as follows:

(a) Diagonally in both directions across the inner and outer rows of posts;

(b) From the base of the end posts upward to the top of the scaffold at approximately a forty-five degree angle;

(c) As close as possible to the intersection of the bearer and post or runner and post;

(d) If the scaffold is longer than it is tall, repeat the bracing beginning at every fifth post;

(e) If the scaffold is taller than its length, install the bracing:

(i) From the base of the end posts upward to the opposite end posts; and

(ii) In alternating directions until reaching the top of the scaffold.

(6) You must attach bracing to the runners as close to the post as possible, if bracing can't be attached to the post.

(7) You must make sure bearers meet all of the following:

(a) Are installed transversely between posts;

(b) If the bearer is coupled to the post, have the inboard coupler bear directly on the runner coupler;

(c) If the bearer is coupled to the runners, have the couplers as close to the posts as possible;

(d) Extend bearers beyond the posts and runners;

(e) Provide full contact with the coupler;

(f) The bottom bearers are located as close to the base as possible.

(8) You must make sure runners meet all of the following:

(a) Are installed along the length of the scaffold;

(b) Are located on both the inside and outside posts at the same height;

(c) Are interlocked on straight runs to form continuous lengths and are coupled to each post;

(d) The bottom runners are located as close to the base as possible.

Note: Tube and coupler guardrails and midrails installed on outside posts can be used in lieu of outside runners.

(9) You must make sure couplers are made of a structural metal, such as drop-forged steel, malleable iron, or structural grade aluminum.

(10) You must prohibit using couplers made of gray cast iron.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40040, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 07-17-026, § 296-874-40040, filed 8/7/07, effective 10/6/07; WSR 05-01-054, § 296-874-40040, filed 12/7/04, effective 3/1/05.]

WAC 296-874-40042 Meet these requirements when using window jack scaffolds. You must make sure window jack scaffolds meet all of the following:

(1) Are securely attached to the window opening;

(2) Are used for working only at the window opening the jack is placed through;

(3) Are not used:

(a) To support planks placed between one window jack and another; or

(b) As any other element of scaffolding.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-874-40042, 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, § 296-874-40042, filed 12/7/04, effective 3/1/05.]