



OSHA REFERENCE SHEET

FOR ROOFTOP SAFETY

At Tremco Roofing, we lead with safety and are committed to protecting the health and safety of our employees, contractors, associates and clients alike.

We firmly believe that our approach of pairing strong personal safety practices together with best-in-class safety solutions for our customers ensures an unmatched safety culture. Supporting our commitment to having the best trained and equipped workforce in the industry is helping all of our clients possess the safest roof possible for your employees and service vendors. Our robust safety culture and practices, as well as our industry-leading safety products and services, make our commitment to consistently providing safe roofs much easier.

OSHA has numerous rooftop safety regulations. For your convenience, and to help ensure compliance for all our customers, we've compiled the most common ones for you covering unprotected edges, ladders, roof access, holes and openings, and training.



UNPROTECTED EDGES

1910.28(B)(1) - UNPROTECTED SIDES AND EDGES

o (i)- Except as provided elsewhere in this section, the employer must ensure that each employee on a walking-working surface with an unprotected side or edge that is 4 feet (1.2 m) or more above a lower level is protected from falling by one or more of the following:

- (A)- Guardrail system;
- (B)- Safety net system; or
- (C)- Personal fall protection systems, such as personal fall arrest, travel restraint, or positioning systems.

1910.28(B)(13) - WORK ON LOW-SLOPE ROOFS

- o (i)- When work is performed less than 6 feet (1.6 m) from the roof edge, the employer must ensure each employee is protected from falling by a guardrail system, safety net system, travel restraint system, or personal fall arrest system.
- o (ii)- When work is performed at least 6 feet (1.6 m) but less than 15 feet (4.6 m) from the roof edge, the employer must ensure each employee is protected from falling by using a guardrail system, safety net system, travel restraint system, or personal fall arrest system. The employer may use a designated area when performing work that is both infrequent and temporary.
- o (iii)- When work is performed 15 feet (4.6 m) or more from the roof edge, the employer must:
- (A)- Protect each employee from falling by a guardrail system, safety net system, travel restraint system, or personal fall arrest system or a designated area. The employer is not required to provide any fall protection, provided the work is both infrequent and temporary; and
 - (B)- Implement and enforce a work rule prohibiting employees from going within 15 feet (4.6 m) of the roof edge without using fall protection in accordance with paragraphs (b)(13)(i) and (ii) of this section.

LADDERS

1910.23 (A) - APPLICATION

The employer must ensure that each ladder used meets the requirements of this section.

1910.28 (B)(9) - FIXED LADDERS (THAT EXTEND MORE THAN 24 FEET (7.3 M) ABOVE A LOWER LEVEL)

- o (i)(A)- Existing fixed ladders. Each fixed ladder installed before November 19, 2018 is equipped with a personal fall arrest system, ladder safety system, cage, or well;
- o (i)(B)- New fixed ladders. Each fixed ladder installed on and after November 19, 2018, is equipped with a personal fall arrest system or a ladder safety system;
- o (i)(C)- Replacement. When a fixed ladder, cage, or well, or any portion of a section thereof, is replaced, a personal fall arrest system or ladder safety system is installed in at least that section of the fixed ladder, cage, or well where the replacement is located; and
- o (i)(D)- Final deadline. On and after November 18, 2036, all fixed ladders are equipped with a personal fall arrest system or a ladder safety system.

GENERAL & MAINTENANCE

1910.28(A)(1)

This section requires employers to provide protection for each employee exposed to fall and falling object hazards. Unless stated otherwise, the employer must ensure that all fall protection and falling object protection required by this section meet the criteria in § 1910.29, except that personal fall protection systems required by this section meet the criteria of § 1910.140.

1910.22 - GENERAL REQUIREMENTS

- o (A)(3) - Walking-working surfaces are maintained free of hazards such as sharp or protruding objects, loose boards, corrosion, leaks, spills, snow, and ice.
- o (C) - Access and egress. The employer must provide, and ensure each employee uses, a safe means of access and egress to and from walking-working surfaces.
- o (D) - Inspection, maintenance, and repair. The employer must ensure:
- o (1) - Walking-working surfaces are inspected, regularly and as necessary, and maintained in a safe condition.

HOLES AND OPENINGS

1910.28(B)(3) - HOLES

o (i)- Each employee is protected from falling through any hole (including skylights) that is 4 feet (1.2 m) or more above a lower level by one or more of the following:

- (A)- Covers;
- (B)- Guardrail systems;
- (C)- Travel restraint systems; or
- (D)- Personal fall arrest systems

o (ii)- Each employee is protected from tripping into or stepping into or through any hole that is less than 4 feet (1.2 m) above a lower level by covers or guardrail systems.

1910.28 (B)(3)(IV)

Each employee is protected from falling into a ladderway floor hole or ladderway platform hole by a guardrail system and toeboards erected on all exposed sides, except at the entrance to the hole, where a self-closing gate or an offset must be used.

1910.28(B)(7) - OPENINGS

The employer must ensure that each employee on a walking-working surface near an opening, including one with a chute attached, where the inside bottom edge of the opening is less than 39 inches (99 cm) above that walking-working surface and the outside bottom edge of the opening is 4 feet (1.2 m) or more above a lower level is protected from falling by the use of:

- o (i)- Guardrail systems
- o (ii)- Safety net systems
- o (iii)- Travel restraint systems; or
- o (iiii)- Personal fall arrest systems

TRAINING

1910.30(A) - TRAINING REQUIREMENTS - FALL HAZARDS

- (1) Before any employee is exposed to a fall hazard, the employer must provide training for each employee who uses personal fall protection systems or who is required to be trained as specified elsewhere in this subpart. Employers must ensure employees are trained in the requirements of this paragraph on or before May 17, 2017.
- (2) The employer must ensure that each employee is trained by a qualified person.
- (3) The employer must train each employee in at least the following topics:
- o 1910.30(a)(3)(i) - The nature of the fall hazards in the work area and how to recognize them;
 - o 1910.30(a)(3)(ii) - The procedures to be followed to minimize those hazards;
 - o 1910.30(a)(3)(iii) - The correct procedures for installing, inspecting, operating, maintaining, and disassembling the personal fall protection systems that the employee uses; and
 - o 1910.30(a)(3)(iv) - The correct use of the personal fall protection systems and equipment specified in paragraph (a)(1) of this section, including, but not limited to, proper hook-up, anchoring, and tie-off techniques, and methods of equipment inspection and storage, as specified by the manufacturer.



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