



Tailgate/Toolbox Safety Training

Safety Services Company-Safety Meeting Division, PO Box 6408 Yuma, AZ 85366-6408 Toll Free (866) 204-4786



Company Name: _____ Job Site Location: _____

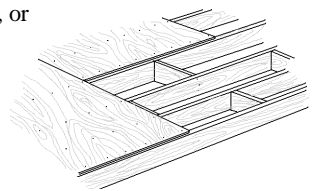
Date: _____ Start Time: _____ Finish Time: _____ Foreman/Supervisor: _____

Topic 379: Carpenter/Framing Safety (Part C-Roof & Floor Sheathing/Floor Joists)

Introduction: This meeting addresses OSHA requirements for the Group 1 activities of setting/installing floor joists and sheathing, and installing roof sheathing. It cannot address all aspects of safety in the performance of these tasks, for which further information (such as specific tools/equipment, fall protection systems) is available.

Installations of Floor Joists and Floor Sheathing:

- **The employer must** designate the trained workers to perform this specific task.
- **To minimize exposure** to fall hazards, materials must be staged so that workers have quick and safe access to the material. While this work is taking place, workers not directly assisting shall not be permitted within six (6) feet of the leading edge.
- **The first floor joist** or truss must be rolled into position and secured by personnel working from the ground, ladders, or scaffolds. Successive joists/trusses must be rolled into place.
- **The floor joists/trusses** shall then to be secured from a platform. The platform is to be built from a sheet of plywood laid over the previously secured floor joists or trusses.



Installation Process: Floor Sheathing:

- **The first row** of floor sheathing must be installed by personnel working from the ground, ladders, or scaffolds.
- **After the first row** of sheathing has been installed, workers shall work from the established deck.
- **As soon as** sheathing has been installed around an elevated floor hole, roof hole, or wall opening that is not going to be sheathed (such as a hole for a doorway, stairwell or skylight), it must be covered or protected by a guardrail.

Roof Sheathing Operations: The competent person must determine when the roof system is stable enough to support a conventional fall protection system anchorage. The following provisions apply until the roof system can be used as an anchorage point, at which time a personal fall arrest system must be used:

- **Qualified workers.** Only qualified workers shall install roof sheathing.
- **Secure footing/weather:**
 - * The employer must ensure that workers remove slip hazards before walking on sheathing. Such measures include removing mud from shoes or boots, and wearing non-slip footwear.
 - * When wet weather is present, roof sheathing shall be suspended unless safe footing can be assured.
 - * If winds exceed 40 miles per hour, sheathing operations are to be suspended, unless wind breakers are erected.
- **Staging of materials:** To minimize exposure to fall hazards, materials must be staged so that workers on the roof have easy and safe access to the materials.
- **Falling Objects/Restricted Access:**
 - * Workers not involved in roof sheathing shall not stand or walk below or adjacent to the roof opening or exterior walls where they could be struck by falling objects.
 - * The competent person shall clearly designate the restricted area before placement of the first piece of sheathing.



Slide Guards for Roof Sheathing Operations: These slide guard requirements, which come from 29 CFR 1926.502 Appendix E, differ from those for Group 4 activities (roofing work). See **Topic 299: Roofing Slide Guards** for additional information.

- **The bottom row** of roof sheathing may be installed by workers standing in truss webs and leaning over the sheathing.
- **After the bottom row** is installed, a slide guard of at least four (4) inches nominal in height which extends across the full width of the roof shall be securely attached to the roof.
- **Installation of the lowest slide guard** must be perpendicular (90 degrees) to the roof surface. When multiple slide guards are used, the angle of installation for the upper slide guards must not be less than 60 degrees to the roof surface.
- **For a roof pitch** up to (and including) 9 in 12, additional slide guards are required at a minimum of 13 foot intervals as successive rows of sheathing are installed.
- **For a roof pitch** over 9 in 12, additional slide guards are required at a minimum of four foot intervals.



Conclusion: Topic 377: Carpenter Safety (Part A-OSHA Group 1) details general requirements for group 1 activities, and Topic 378: Carpenter/Framing Safety (Part B) covers setting roof trusses and rafters.

Work Site Review

Work-Site Hazards and Safety Suggestions: _____

Personnel Safety Violations: _____

Employee Signatures:

(My signature attests and verifies my understanding of and agreement to comply with, all company safety policies and regulations, and that I have not suffered, experienced, or sustained any recent job-related injury or illness.)

Foreman/Supervisor's Signature: _____

These guidelines do not supersede local, state, or federal regulations and must not be construed as a substitute for, or legal interpretation of, any OSHA regulations.