

Scaffold Builder Syllabus

Time: 8 hours

Maximum Class Size: 12

Prerequisites: Scaffold User Safety

Course Description:

Participants will erect and dismantle two different types of supported scaffolds commonly used in the construction industry. Participants will use safe practices learned in the Scaffold User Class. Ample time will be given to participants for hands-on practice.

Goals/Objectives/Student Learning Outcomes:

- Identify the procedures for safely erecting scaffolds.
- Identify the procedures for safely dismantling scaffolds.
- Demonstrate how to handle, carry and pass materials to the upper levels.
- State the specific uses for each scaffold component.
- Explain the “Don’t Fall”, “Don’t Drop” and “Communication” rules.
- Climb safely on the scaffold.
- Work safely on the scaffold.

Standard

OSHA 1926.454 (b), (b) (1), (b) (2), and (b) (3) for the erection and dismantling of scaffolds.

Classroom Rules and Procedures

- All classes begin at 6:30 am and end at 3:00 pm
- Upon entering classroom, all participants must sign in and be seated by 6:30 am
- Class will consist of a combination of lecture, video, demonstration, coached group exercises, individual exercises and assessment.
- Students are required to report to class ready to work and maintain the provided PPE

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Textbooks/Readings/Materials

- LIUNA Scaffold User Safety IG/PG
- LIUNA Subpart M: Fall Protection IG/PG
- LIUNA Building Frame Scaffolding IG/PG

Tools/Equipment/Other Materials

- Tool belt with hammer (12)
- Tape measure (8)
- 7/8" ratchet wrench (12)
- Torpedo level (9)
- Wire nippers (8)
- 8" crescent wrench (1)
- Pulley wheel with chain (1)
- Rope (1)
- U-clamps (6)
- Gravity locks (30)
- 3/4" screws (1 box)
- 3" screws (1 box)
- 8d duplex 50 lb. nails (1/4 box)
- 1/4" wire rope (50 feet)
- Wire rope thimbles with clips (1)
- First aid kit

Personal Protective Equipment

- 12 pairs of gloves
- 12 pairs of Safety Glasses
- 20 pairs of Ear plugs
- 12 hard hats

Course Requirements

To receive credit for the course, participants must:

- Be present for full eight hours
- Participate in all classroom exercises
- Pass a hands-on exam

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Course Policies

- Participants must be on-time and ready to work.
- Participants must return from breaks on-time.
- Participants must participate in each exercise and assignment
- Participants who are on “light duty” are not allowed to take this course due to the physically demanding requirements.

Assessment and Grading

Participants will be assessed on the following:

- All written exams must be passed with a score of 80% or above.
- All hands-on exercises are graded on performance and participation. They are pass/fail and must be passed with a score of 80% or above.

Safety

Failure to maintain and use PPE may result in dismissal from the course.