



Scaffold Competent Person

Course Outline

Prerequisites: This course shall have no formal pre-requisite.

Course Length: 4-5 hours - Course length shall vary depending on the number of delegates. Total course time includes breaks.

Class Size: The maximum number of delegates that may be trained and tested per instructor shall be thirty-five (35) in the classroom session and twenty (20) in the practical session. A second instructor shall be added for the practical session once the participation exceeds twenty (20).

Course Objective

- Provide delegates assigned to work on or around scaffolds the necessary skills to safely perform their jobs.
- Provide delegates with recommended practices and guidelines to perform safely while working with scaffolds.
- Delegates should be able to demonstrate the necessary skills during practical examination and demonstrate knowledge during written examination.

Course Design

- Power Point© / Lecture / Audio Video / Visual Aids
- Practical Exercises

Successful Course Completion

- Requires a minimum score of 75% or better.
- Delegates will have no more than thirty (30) minutes to complete the exam.
- Grades shall be calculated by dividing the number of questions answered correctly by the total number of exam questions.
- Successful completion of practical session is mandatory.

Course Content Summary

- Classroom
- Practical's

Breaks: 10 minutes (approximately every hour)

Lunch: 1 Hour (if applicable)

Course Outline

About Scaffolds

- Scaffold Regulations
- Competent Person Definition
- Scaffold Training Elements
- Tagging System
 - Green Tags
 - Yellow Tags
 - Red Tags
- Common Scaffold Types
 - Tube and Clamp Scaffold
 - System Scaffold
 - Rolling Tower Scaffold
 - Frame Scaffold
- Basic Scaffold Components
 - Mud Sills
 - Screw Jacks
 - Vertical Post
 - Runners
 - Bearers
 - Diagonal Braces
 - Clamps
 - Guardrails
- Safe Access to a Scaffold
- Scaffold Classification
 - Light Duty
 - Medium Duty
 - Heavy Duty
- Scaffold Load Capacity Calculation Example

Scaffold Requirements

- Scaffold Platform
 - Plank Requirements
 - Metal
 - Wood
 - Securing Planks
 - Plank Loading
 - Wood Plank
 - Labeling/Usage
 - Allowable Spans
 - Intended Load



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- Integrity
 - Allowable Knots
 - Allowable Splits
 - Deformations
 - Warp Table Example

Fall Protection

- Guardrail System Requirements
 - Top Rail
 - Mid Rail
 - Toe Boards
 - Vertical Supports
- Personal Fall Arrest System Requirements
 - Harness
 - Lanyard
 - Anchor Point
 - Vertical Life Lines
 - Horizontal Life Lines

Scaffold Construction

- Scaffold Erection/Dismantling
 - Competent Person Requirements
 - Safe Access
 - Material Handling
 - Use of rope to lift/lower material/tools
 - Proper knot security
 - Tubular's
 - Planks
 - Tools, etc...
 - Barricading Work Area

Scaffold Safety

- Personal Protective Equipment (PPE)
- General Safety
- Ladder Safety
- Welding Safety
- Scaffold Security
 - Rolling Scaffolds
 - Securing Scaffolds to Solid Structures
 - Wind Force Example
- Electrical Safety



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- Scaffold Inspection
 - Review Inspection Criteria

Practical Session

Practical training shall utilize 1 tier (at minimum) of scaffolding similar to the type the employee will utilize in the field.

Practical shall verify the following:

- Properly select and wear appropriate PPE during practical training
- Perform proper pre-use inspection of Scaffold and equipment
- Remove Scaffold and associated tools/equipment from service if it is unsafe
- Effectively identify hazards associated with Scaffolds
- React to unusual or emergency situations
- Understand proper use of tools and equipment
- Move material in a safe manner
- Utilize proper fall protection
- Determine safe Scaffold platform capacity
- Safely erect and dismantle Scaffold
- Secure materials for raising/lowering (rope knot application and usage)
- Proper access/egress from Scaffold

Training Center Provided Material

- PPE
- Scaffold
- Tools

Delegate Requirements

- None

Reference Material / Documents

OSHA 29 CFR 1926 Subpart L