

Course Length: 1.5 hours

Course Objective:

- This course trains someone who has sufficient experience and/or knowledge to recognize scaffold hazards, correct unsafe conditions, and who has the ability to shut down the worksite until any hazards are corrected.

Course Design:

- Narrated e-learning modules

Successful Course Completion:

- Requires successful completion of knowledge assessment.

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
 - Support Structure
 - Runners
 - Bearers
 - Diagonal Braces
 - Clamps
 - Working Area
 - Guardrail System, planks and platforms, ladders
- 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
 - 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 Lifelines
 - Horizontal Lifelines
- Falling Objects

Scaffold Construction

- Scaffold Erection/Dismantling
 - Competent Person Requirements
 - Safe Access
 - Material Handling
 - Use of rope to lift/lower material/tools
 - Proper knot security
 - Tubulars
 - 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
- Scaffold Inspection
 - Review Inspection Criteria

Post Training Evaluation:

- The employer shall ensure that each employee is evaluated to confirm that he/she understands the information provided in the training.

Reference Material / Documents:

OSHA 29 CFR 1926 Subpart L

M&A Safety Services training conforms to OSHA CBT Training standards and ANSI Z490.1. Criteria for Accepted Practices in Safety, Health and Environmental Training. M&A Safety Services LLC. follows all ANSI training criteria.

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