

**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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