



## Basic Scaffolding

### Duration 5 Days

### Introduction

Scaffolding Training is a comprehensive training program which facilitates the learner an introduction to scaffolding, covering the safe erection and alteration of System Scaffolding Structures

### Course Objectives

Upon successful completion of this course you will be better prepared to

- Know the correct and safe methods of erecting System Scaffolds
- Know the regulations governing the safe erection and dismantling of these scaffolds and the work methods to be adopted
- Determine the material requirements for such scaffolds
- lay out materials, set out the scaffolds and overcome obstacles to erect the scaffold safely
- Ensure that scaffolds are constructed to statutory regulations following the safe systems of work

### Who Should Attend

1. Anyone who will be assigned to a jobsite where scaffold hazards exist, and those individuals who need to become familiar with OSHA Standards for scaffolding
2. Construction engineers, foreman & supervisors
3. Scaffold technician
4. Safety engineers, supervisors and officers

### Course Outlines

#### **1. Definitions**

#### **2. Elevated Work Areas - General Requirements**

- Fall Protection
- Guardrail Systems
- Personal Fall Arrest Systems
- Falling Object Protection
- Entry and Exit
- Temporary Stairways
- Temporary Ramps
- Slipping and Tripping
- Roof Work
- Lighting
- High Winds
- Work Over Water
- Hot Surfaces
- Unstable Buildings and Structures
- Forklift Supported Temporary Work Platforms

#### **3. Portable Ladders and Step Ladders**

- Condition
- Position
- Clearances
- Usage
- Step Ladders
- Extension Ladders
- Job-made Ladders

#### **4. Scaffold Components**

- General
- Scaffold Tubing and Fittings Specifications
- Platform Units



#### **5. Requirements Common to All Scaffolds**

- Capacity
- Foundations
- Stability
- Scaffold Platform Construction and Use
- Clearances

#### **6. Raising and Lowering Materials Using Gin Wheels**

- Requirements Common to System and Tube and Coupler Scaffolds
- Horizontal Members
- Bracing
- Tools

#### **7. System Scaffolds**

- Tube and Coupler Scaffolds
- Posts (Standards)
- Runners (Ledgers) and Bearers (Transoms)
- Vertical Bracing
- Light-duty Tube and Coupler Scaffolds