



Scaffolding Inspection Training

Learning Objectives:

- Familiarize participants with types of scaffolds, components, and their uses.
- Understand scaffolding standards and regulations (e.g., OSHA, EN, local codes).
- Identify common defects, hazards, and unsafe practices in scaffolding.
- Recognize the correct procedures for safe scaffold assembly and disassembly.
- Evaluate load capacities and stability to prevent failures.
- Identify environmental and operational risks, including fall protection.
- Perform detailed inspections and maintain proper records.

Course contents:

Day 1: Introduction and Fundamentals

- Overview of scaffolding systems and types (e.g., tube and coupler, system scaffolds, mobile scaffolds).
- Components of scaffolds and their functions.
- Relevant standards, codes, and regulations.
- Roles and responsibilities of scaffolding inspectors.

Day 2: Erection, Dismantling, and Stability Principles

- Safe procedures for scaffold erection and dismantling.
- Key stability factors: base plates, ties, and braces.
- Load calculations and limitations.
- Assessing environmental factors (e.g., wind, soil).

Day 3: Inspection Procedures and Hazard Identification

- Daily, weekly, and periodic inspection protocols.
- Common defects: corrosion, improper assembly, missing parts.
- Identifying hazards: falls, collapsing structures, and falling objects.
- Practical session: On-site scaffold inspection walkthrough.

Day 4: Safety Systems and Risk Management

- Fall protection systems: guardrails, toe boards, safety nets.
- Ladder and access point requirements.
- Emergency response and rescue planning.
- Real-life case studies of scaffold-related accidents.

Day 5: Practical Application and Documentation

- Hands-on scaffold inspection with real structures.
- Documenting findings and creating inspection reports.
- Developing corrective action plans.
- Final assessment: theory and practical tests.