



Course Outline

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

**Course Length:** 10 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.

## **Course Objective**

- Provide occupational workers with relevant information associated with Occupational Safety and Health Administration (OSHA) compliance related training.
- Provide delegates with awareness level occupational safety training.
- Provide safe work practices for the workplace.
- Delegates should be able to demonstrate knowledge during written examination.

### **Course Design**

• Power Point© / Lecture / Audio Video / Visual Aids

### **Successful Course Completion**

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

### **Course Content Summary**

Classroom

**Breaks:** 10 minutes (approximately every hour)

Lunch: 1 hour

## **Course Outline**

Introduction to OSHA and the OSH Act

- Importance of OSHA
- History of OSHA
- OSHA'S Mission
- Worker Rights
- Employer Responsibilities
- OSHA Standards





Course Outline

- Citations
- Inspections
- Resources for Workers
  - o Filing a complaint

## Focus Four – Falls, Electrocution, Struck-By, Caught-In or Between

- Fall Protection
  - About Falls
  - Fall Distances
  - Anchorage Points
  - Body Harness
    - Donning
    - Body belt
  - Lanyards
  - Inspections
  - Connectors
  - Deceleration Devices
    - Retractable Lanyards
  - Lifelines
  - Climbing Techniques
    - Ladder Safety
  - Safety Nets
  - Employee Responsibilities
  - o Guardrails
  - o Rescue Plan
  - Hazard Recognition
- Struck By / Hazard Recognition
- Caught In / Hazard Recognition
- Electrical Non-Qualified
  - Electrical Safety
  - Cord Safety
  - o Circuit Breakers and Circuits
  - o PPE
  - Clearance from Energized Lines

## Personal Protective equipment

- Purpose
- Hazard Assessment
  - o Employer and Employee Responsibilities





Course Outline

- Affected Employees
- Protective Clothing
- Eye and Face Protection
- Foot Protection
- Head Protection

#### Health Hazards

- Hazard Communication / GHS
- Hearing Conservation

## Cranes, Excavations, Scaffolds/Ladders/Stairs, Power Tools

- Cranes
  - o Common Causes of Crane Accidents
  - Hazardous Environments for Crane Operations
  - Load Capacity
  - o Hand Signals
  - Swing Radius
  - o Operator Visibility
  - o Guardrails
  - Crane Operations
  - Crane Use Near Power Lines
  - Training Requirements
  - Hazard Recognition

#### Excavation

- Competent Person
- Safe Work Practice
- Access and Egress
- General Hazards
- Methods of Protection
- Protective Systems
  - Sloping
  - Shoring
  - Shielding
- o PPE
- Walking Working Surface & Scaffolding
  - General Requirements
  - Floor Hole
  - Floor Opening
  - Stairs
  - Wall Opening





Course Outline

- Guardrails
- Scaffolding
- Ladders
  - Portable
  - Fixed
- Floor Loading Protection
- Power Tool Safety

## **Confined Space**

- OSHA/NIOSH Statistics
- Define Confined Space Criteria
  - o Permit Required
- Roles of Confined Space
  - o Entrant, Attendant, Rescue, Supervisor
- Entry Requirements
  - Training Requirements
  - o JHA, Job Planning
  - o Equipment
  - Entry Permit
  - O What constitutes entry?
- Atmospheric Hazards
  - o O2 / Other Contaminants
  - o Flammability
- Ventilation
- Physical Hazards
- Acute Symptoms
- Role of Rescue Team
  - Retrieval Equipment

## **Training Center Provided Material**

Course Materials

## **Delegate Requirements**

None

## **Reference Material / Documents**

OSHA 29 CFR 1926