



**Course:** OSHA – General Industry (TT OSH ACT) Training

**Contact Hours:** 30

**Pre-requisite:** None

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### **Abstract**

The course teaches participants to understand the OSHA General Industry Standards. Those persons who have safety responsibilities will benefit from this comprehensive course, as it specifically applies to OSHA policies, standards and procedures for general safety and health.

### **Target Audience**

Health and Safety personnel, Supervisors, Foremen, Project Managers, Architects, Engineers, Factory Workers, Small Business Owners, Office Supervisors, Contractor Management personnel.

### **Learning Outcomes**

On completion of this course, learners will be able to:

1. State the purpose of the OSH Act and list the functions of OSHA
2. List the OSHA inspection priorities and describe the inspection process
3. Describe the rights and responsibilities of employers and employees under the OSH Act
4. Describe the basic requirements for proper aisle and passageway maintenance
5. List the guidelines for identification and protection of floor openings
6. Understand the importance of effective Egress fire protection program
7. Know the safe means of Egress to provide fire protection in emergencies from new or old buildings or structures
8. Outline the general requirements for general safety standards
9. Establish the guidelines and requirements for special purpose equipment

## **Course Content**

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### ***Introduction to OSHA Standards***

- Origin of OSHA Standards
- Horizontal and vertical standards
- Code of federal standards
- Coding

### ***Machine Guarding***

- What is a guard
- Type of guards

### ***Walking and Working Surfaces***

- General requirements
- Guarding floor, wall openings and holes
- Stairway railing and guards
- Fixed industrial stairs
- Portable and fixed ladders
- Safety requirements for scaffolding

### ***Exit Routes, Emergency Action Plans, Fire Prevention Plans and Fire Protection***

- Exit routes
- Emergency action plans
- Fire prevention plans
- Fire protection
- Portable fire suppression equipment
- Fire brigades
- Training and education
- Firefighting equipment
- Portable fire equipment
- Standpipe and hose systems

### ***Welding, Cutting and Brazing***

- What is welding, cutting and brazing
- Types of welding, cutting and brazing
- Hazards associated with welding, cutting and brazing
- Training

- OSHA assistance

### ***Means of Egress and Fire Protection***

- Definitions
- General requirements
- Means of egress
- Width and capacity of means of egress
- Egress capacity and occupant load
- Exterior routes of exit access
- Discharge of exits
- Fire protection provisions
- Employee emergency plans and fire prevention plans
- Training
- Fire prevention plans
- Fixed fire suppression equipment
- Fire extinguishing and detection system

### ***Electrical & Safety Related Work Practices***

- How electricity acts
- Severity of shocks, burns and other injuries
- Preventing electrical hazards
- Training
- OSHA assistance

### ***Flammable and Combustible Liquids***

- What is flammable and combustible liquids
- Hazards associated with flammable and combustible liquids
- Controls strategies
- OSHA requirements

### ***Hazard Communication hazards***

- What is hazard communication
- Who is covered
- How to minimize workplace hazards
- Chemicals labelling
- MSDS
- PDS
- Training

- Medical Emergency

### ***Introduction to Industrial Hygiene/Blood Borne Pathogens***

- Who is covered
- Exposure control plan
- Preventative measures
- Method of control
- Recordkeeping

### ***29 CFR 1904, Record Keeping***

- What is 29 CFR 1904
- What is record keeping
- Training
- OSHA assistance

### ***Permit Required Confined Spaces***

- Who is covered
- Requirements
- Standards
- OSHA assistance to employers

### ***Fall Protection***

- What is fall protection
- Types of fall protection
- Training
- Standards

### ***Lockout/ Tag out***

- Provisions of standards
- Energy isolation
- Requirements of lockout/tag out devices
- Employee training
- Application and control of lockout/tag out devices
- Record keeping
- OSHA assistance

### ***Personal Protective Clothing and Equipment***

- What is PPE
- Types of PPE
- How to use PPE
- Upgrades of PPE

### ***Materials Handling***

- Potential hazards
- Moving, handling and storage of materials
- Material Handling equipment
- Ergonomic safety and health principles
- Training and Education
- Safety and health management guidelines

### ***Safety and Health Programs***

- Types of safety and health programs
- Training
- OSHA guidelines

### **Essential Learning Resources:**

#### **Manual**

- OSHA General Industry (TT OSH Act) Training with TT Osh Act – SBCS material