

## Learning Topic: Occupational Health & Working Environment

### Course Name: 2. Occupational health in compliance with OSHA.

#### Reference Code : SAF3 28

#### Description:

- Occupational health deals with all aspects of health and safety in the workplace and has a strong focus on primary prevention of hazards.
- Occupational health aims at the protection of workers in their employment from risks resulting from factors adverse to health by developing and implementing programs specific to the hazards of the workplace in accordance with OSHA and local regulations
- The purpose of this training is to provide workplaces with the fundamental knowledge of occupational health and the proper method to protect themselves.

#### Course Objective:

Upon completion of this course, delegates will:

- State the purpose of the OSHA Act
- List of functions of OSHA
- Describe what a Variance is and how it is used
- Explain the General Duty Clause and where it is located in the act
- Identify OSHA standards requirement in their organizations
- Understand the role of safety practitioner
- Be familiar with the concepts of what is “Good Practice”.
- recognize a range of hazards in the work place and in work activities
- Be able to analyze and assess hazards, and develop control strategies to eliminate or reduce their risk
- Categorize practical and cost-effective means of controlling risk.
- Be familiar with various indicators that will prompt the need to review the assessment

#### program me Methodology:

The training is conducted in a workshop fashion and is based with large capacity of practical sessions; and customized to the needs of the audience and in compliance with OSHA standards and regulations. Daily sessions include formal presentation, interspersed with directed discussion and case study. In addition, there will be problem-solving exercises, group workshops and discussions, analysis of real-life case studies, and focused training videos.

#### United Arab Emirates

Emirates Towers, Level 41 Sheikh Zayed Road  
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## Who Should attend?

- All employees who are exposed to any hazards in the workplace.
- HSE team to develop and implement their safety program

## Course Outline:

### 1. Walking And Working Surfaces

#### Learning Objectives

- Basic requirements for proper aisle and passageway maintenance
- Minimum requirements for inspecting stairs and rails
- The correct use of ladders
- The various types of scaffolds

### 2. Egress And Fire Protection

#### Learning Objectives

- Understand the importance of the Means of Egress.
- To know the safety requirements for means of egress.
- To understand how to implement hazard prevention and control program and assessments.
- To understand the elements which constitute the effective Egress fire protection program.

### 3. Hazardous Materials

#### Learning Objectives

- Understand the terms and hazards associated with flammable and combustible liquids
- Know how to store, inside and outside a facility, flammable and combustible liquids
- Know and understand bonding, wiring, and rating capacities for the safe handling and storage of flammable and combustible liquids
- Understand key terms and how they apply to various types of spray-finishing operations

### 4. Hazardous Waste Operations And Emergency Response (Hazwoper)

#### Learning Objectives

- To enable the participant to understand the scope, purpose and application of the HAZWOPER standard
- To introduce to, or refresh the participant's memory about, the main provisions of the Hazard Communication Standard
- The ensure that the participant is conversant with the main points of HAZWOPER program elements.

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## 5. Personal Protective Equipment

### Learning Objectives

- Identify OSHA's general PPE requirements
- Understand why employees are required to follow specific work procedures when using PPE
- Learn how to make decisions, based on hazards and use, to select appropriate PPE to protect employees
- Learn how to teach your employees how to wear and care for the PPE you provide.

## 6. Permit Required Confined Spaces

### Learning Objectives

- Acclimate with the functions and duties of confined space workers.
- Learn the conditions for and the steps of permit-required confined space entry procedure.
- Learn the conditions for and the steps of non-permit required confined space entry procedure.
- Learn the basic qualifications and requirements for employee training and rescue services

## 7. Control Of Hazardous Energy – Lockout/Tagout

### Learning Objectives

- Understand the basic concepts of the regulation.
- Understand the requirements for equipment, training and periodic inspections.
- Understand the requirements for the application of energy controls, the release from lockout, and additional energy control requirements

## 8. Materials Handling And Storage

### Learning Objectives

- Understand the general regulations of materials handling and storage
- Outline the safety requirements necessary for powered industrial trucks
- Recognize other forms of material handling equipment
- Recognize and avoid the hazards associated with material handling

## 9. Machine Guarding

### Learning Objectives

- Understand the basics of machine guarding, where hazards occur, hazardous machine motions, machine actions.
- Identify requirements for safeguards, and employee training.
- Learn what types of safeguards are available, and what their common applications are.

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## 10. Welding, Cutting And Brazing

### Learning Objectives

- Proper handling, storage, and use of compressed gas cylinders
- Proper use of welding accessories
- Signs of harmful elements and conditions in the workplace
- Guidelines for prevention and protection

## 11. Electrical Safety

### Learning Objectives

- Outline the general requirements for electrical safety standards
- Define the standards for electrical grounding and protection
- Establish the general requirements for wiring methods and equipment
- Establish the guidelines and requirements for special purpose equipment

## 12. Hazard Communication

### Learning Objectives

- Describe the six main elements covered in a hazard communication plan
- Identify the labeling information required on every hazardous chemical covered under the standard
- Describe each section of the National Fire Protection Association (NFPA) and Hazardous Material Identification System (HMIS) labels
- Describe the sections on a Materials Safety Data Sheet (MSDS), and how MSDSs are maintained

## 13. Industrial Hygiene

### Learning Objectives

- Familiarization with the history of industrial medicine
- Understand OSHA and your company's role in industrial hygiene
- Learn what job hazards are associated with industrial hygiene
- Understand the role of the safety professional with respect to industrial hygiene.

Course Duration	Date	Venue	Course Fee
5 Days			

**Time:** 08:00 AM -03:00 PM

**Numbers of hours:** 30 Hours

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