



## Construction HSE Hazards

26 - 30 Aug 2024  
Lisbon (Portugal)



# Construction HSE Hazards

**Ref.:** 15116\_293626 **Date:** 26 - 30 Aug 2024 **Location:** Lisbon (Portugal) **Fees:** 4900 **Euro**

## Introduction:

The sites or yards where offshore oil and gas facilities such as modules and platforms, and onshore petrochemical plants are fabricated and constructed involve activities with high hazards such as working at height, confined space entry, rigging and lifting, hot work to name but a few. Moreover, these and other hazards vary in nature and scale and in the ways they are performed and controlled according to the respective construction site's specific standards and practices.

Therefore, for personnel mobilized to and temporarily working in these sites, they must have a sound knowledge and awareness of the hazards and essential safeguards and controls to ensure they can not only stay safe but help those around them to stay safe too. This applies both to seasoned field personnel who from time to time move to different sites and personnel with minimal previous construction site experience.

This training course on Construction HSE Hazards will give or expand delegates' awareness and knowledge of the nature and types of hazardous activities, safeguards, and controls that should be in place in major facilities construction sites or yards.

## Targeted Groups:

- Construction Supervisory or Inspection Personnel
- Health, Safety, Environmental and Quality
- Operations and Projects Managers, Leaders and Supervisors
- Field Engineers, Surveyors or Inspectors
- Support Department Personnel including but not limited to, Engineering, Procurement, Contracting, Controls, Health, Safety, Environmental and Quality
- Commissioning Personnel

## Course Objectives:

At the end of this course the participants will be able to:

- Improve and enhance their understanding of hazardous work activities in construction sites
- Learn the essential controls and safeguards for each specific hazardous work activity
- Learn the principles for the safe control of work
- Understand safety program initiatives and examples
- Be conversant with the essential controls and safeguards to be applied for hazardous work
- Recognize unsafe acts or conditions in construction work activities and be pro-active in their correction
- Promote and actively participate in safety programs at construction sites

## **Targeted Competencies:**

- Overview of construction site hazards and risks
- Hazardous work activities one by one and controls
- Control of work
- Safety programs

## **Course Content:**

### **Unit 1: Overview of Construction Hazards & Risks:**

- Hazard Awareness
- Site Inductions
- Unsafe Acts and Unsafe Conditions
- Top Ten Hazards

### **Unit 2: Hazardous Work Activities & Controls:**

- Working at Height and Fall Prevention
- Hot Work
- Rigging and Lifting
- Hand and Power Tools
- Heat Stress

### **Unit 3: Hazardous Work Activities & Controls Continued**

- Confined Space Entry
- Mobile Equipment
- Nitrogen
- Pressure Testing
- Energy Isolation

### **Unit 4: Control of Work:**

- Job Safety Analysis
- Permit to Work
- Housekeeping
- Inspections
- Emergency Response

### **Unit 5: Safety Programs:**

- Observations and Interventions
- Hazard Communication
- Tool Box Talks
- Management Walkabouts
- Campaigns and Initiatives



**Registration form on the :  
Construction HSE Hazards**

**code:** 15116 **From:** 26 - 30 Aug 2024 **Venue:** Lisbon (Portugal) **Fees:** 4900 **Euro**

Complete & Mail or fax to Mercury Training Center at the address given below

**Delegate Information**

Full Name (Mr / Ms / Dr / Eng):

Position:

Telephone / Mobile:

Personal E-Mail:

Official E-Mail:

**Company Information**

Company Name:

Address:

City / Country:

**Person Responsible for Training and Development**

Full Name (Mr / Ms / Dr / Eng):

Position:

Telephone / Mobile:

Personal E-Mail:

Official E-Mail:

**Payment Method**

☐ Please invoice me

☐ Please invoice my company