

## Offshore Safety & Risk Management Systems

Date	Venues	(\$Fees	Book your seat
15 Dec -19 Dec 2024	cairo	2800	<a href="#">Register Now</a>

## Introduction

Safety and Risk Management requires a twin approach of following the legislative standards and seizing the opportunities available in good risk management. Risk management is the identification assessment and prioritisation of risk and then monitor and control such risks. Offshore hazards include the hazards of vessel, working over water and diving operations. Safety Management is applicable in all companies whether by following an accredited Safety Management System or by purely following a Hazard Register with the appropriate Risk Assessments.

Additionally, the course will cover confined space entry and safe shift handover two areas that are continually the cause of incidents and loss.

### This course will feature:

- Risk Management
- Hazards of Vessels
- Safety Management Systems
- An Introduction to HAZOP
- Confined Space Entry

## Objectives

### Participants attending the course will:

- Understand the legal background to Offshore Safety
- Appreciate what risk management is about
- Hazards of Vessels & Working over Water
- Gain knowledge about the elements of a Safety Management system
- Evaluate hazardous material
- Understand the hazards of confined space entry

## Training Methodology

Participants will learn by active participation during the course through the use of exercises, case studies

and open discussion forums. Videos shown will encourage further discussions. The course will be run using power point slides, copies of which will be distributed both in hard and soft format.

## **Who Should Attend?**

**This course is suitable to a wide range of professionals but will greatly benefit:**

- All supervisors and line management who have assigned responsibilities within the Safety Management system (SMS)
- Offshore Operations Personnel
- Offshore Maintenance Personnel
- HSE personnel

## **SEMINAR OUTLINE**

### **DAY 1**

#### **Safety Legislation & Safety Management Systems**

- Definitions
- Responsibilities
- Legislation
  - Seveso III Directive & PSM 1910.119
  - Off Shore EU Legislation
  - Offshore Safety Case
  - International Convention for the Prevention of Pollution from Ships (MARPOL)
  - Safety of Life at Sea (SOLAS)
- Contractor Selection & Induction
- Safe Shift handover
- Case Study

### **DAY 2**

#### **Risk Management, Risk Assessments & HAZOP**

- Types of Safety Management Systems
- Risk Management
- Risk Assessments
- Exercise
- Hazards of Vessels & Working over water
- Offshore diving operations
  - Offshore Diving Risk Assessments
- Work Permit Systems
- Management of change

### **DAY 3**

#### **HAZOP, ATEX & Emergency Response**

- Introduction to HAZOP
- Element / Node selection
- Process Parameters

- Exercise
- Inherent Safer Design
- ATEX Regulations
- Emergency Response
  - Offshore oil spill response

## **DAY 4**

### **Confined Space Entry & Gas Testing**

- Confined Space Entry
- Cleaning
- Isolating
- Atmospheric Testing
- Training
- Exercise

## **DAY 5**

### **HAZMAT**

- HAZMAT – Hazardous Materials
- Chemical classification
- Safety Data Sheets
- Threshold Limit Values
- Offshore - some chemicals used
- Exercise
- Course Evaluation



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