

# A 10-day programme for developing health and safety

## Systems for Offshore Safety and Risk Management

### Introduction

### Objectives

### Training Methodology

### Organizational impacts

### Personal Impact

### Who should attend?

## Course Outline

### Day 1

#### Safety Rules and Safety Management Systems:

- Definitions
- Accountabilities
- Law
- Seveso III Directive & PSM 1910.119
- EU Offshore Law
- Offshore Safety Case
- International Convention for the Prevention of Pollution from Ships (MARPOL)
- Safety of Life at Sea (SOLAS)
- Selection and Induction of Contractors.
- Safe Handover of Shifts.
- An analysis of a case.

### Day 2

## **Risk Assessments and Management**

- Safety Management System Types
- Hazard Assessment
- Risk Evaluations
- Exercise
- Maritime Risks and Operating Near Water
- Activities for Offshore Diving
- Systems for Work Permits
- Controlling Change

## **Day 3**

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

- Overview of HAZOP
- Selecting an Element or Node
- Parameters of Process
- Exercise
- Design with Safety in Mind
- ATEX Guidelines
- Quick Reaction

## **Day 4**

### **Entry Into Confined Spaces and Gas Testing**

- Entry into Confined Spaces
- Tidying up
- Separating
- Testing in the Atmosphere
- Instruction
- Exercise

## **Day 5**

### **HAZMAT**

- Hazardous Materials (HAZMAT)
- Classification of Chemicals

- Limiting Threshold Values
- Some chemicals are used offshore.
- Exercise Seminar Assessment

## Day 6

### Culture and Leadership in Safety

- The Climate of Safety and Safety Culture
- The Coefficient of Influence
- Governance and Ethos
- Enhancing Performance in Safety
- Historical Review

## Day 7

### Systems for Safety Management

- Safety Culture and Safety Management System Elements
- Crucial Elements of the Safety Management System
- How to Create a Successful Safety Management System
- Maintaining a Safety Management System That Works
- Causes of Safety Management System Not Working
- The Real Advantages of a Strict Safety Management Programme

## Day 8

### HSE Safety Culture Model

- Finding the Problem Areas
- Cultures that are Dependent, Independent, and Interdependent
- Making Change Plans
- Model of HSE Cultural Change
- When and How to Get Involved
- Crucial Performance Measures
- Success Elements and Obstacles
- Attitude Surveys

## Day 9

## **Safety in Behaviour**

- Safety Culture and Safety Behaviour
- Human Aspects
- Both Positive and Negative Aspects
- Maslow, McGregor, Taylor, and Herzberg
- ABC Analysis: Behaviour, Antecedents, and Consequences
- What motivates behaviour?
- Natural Sanctions and Repercussions

## **Day 10**

### **Evaluating the Safety Culture**

- Determining a Safety Culture's Present State
- Questionnaires and Information Inputs
- Case Studies from Various Establishments
- Managing Individuals and Their Safety Attitude
- Creating Surveys
- Individualised Action Plans
- Review of Course.