



Advanced Health & Safety Management



13 - 17 January 2025



Boston (USA)

# Advanced Health & Safety Management

course code: S7025 From: 13 - 17 January 2025 Venue: Boston (USA) - course Fees: 5500 Euro

## Introduction

Who does not want to be part of a winning team? Everyone wants to be on a winning team but the emphasis is on team. Therefore all the players must work together to create a win-win outcome. This requires the input the theoretician the practitioner and the implementer.

Safety Management has come under considerable scrutiny in the light of recent disasters. However the concept of Safety Management Systems is usually limited to the systematic approach and not to the holistic (all aspect) approach. Safety Management must encompass both the hard and soft aspects of safety to produce an exceptional outcome. Health and Safety has to be managed with the same degree of expertise and to the same standards as other core business activities because of the high cost of failures; Legislation requiring employers to assess and manage risks; Public opinion on risk acceptability moving against poorly managed organizations which impose excessive risks and high profile disasters which fuel public opinion

The seminar is based upon 'Successful Health and Safety Management' as produced by the Health and Safety Executive UK but not only, as various topics for High Hazard Plants will be looked into in more detail.

## The course will cover:

- Legislation
- 'Successful Health and Safety Management' (HSG 65)
- COSHH and Hazard Communications
- Risk assessments & HAZOP studies
- Culture and Behaviour

## Objectives

Participants attending the Seminar will understand:

- The necessity to manage health and safety with the same degree of expertise and to the same standards as other core business activities
- Understand the Legislation in Europe and the United States for High Hazard Industries
- How Safety Culture is involved in a SMS
- The effect of Behavioural safety on safety culture
- Work Permit Systems & LO / TO
- Risk perception and HAZOP studies

## Training Methodology

The course is presented using power point presentation and videos. Case studies further enhance

the learning outcome. Active participation will be encouraged so that participants can gain through the personal experiences of the group.

### **Organisational Impact**

The organisational impact will be that the employees participating in this seminar will:

- Gain increased professionalism
- Understand the internationally accepted standards for H&S management systems
- Be able to improve their present working systems
- Have the capability to reduce accidents in the workplace
- Accept that team working is of the highest importance
- Have the capacity to increase profitability

### **Personal Impact**

Upon Completion of this course, participants will have gained:

- An understanding of the different types of Safety Management systems
- A familiarity of the Legal basis for H&S Management
- An appreciation of how a Policy affects the strategy in Health and Safety
- The understanding of how to organise a H&S Management System
- Knowledge in evaluating the performance of Health and Safety
- The basics of the HAZOP process

## **SEMINAR OUTLINE**

### **DAY 1**

#### **Legislation for Health and Safety**

- Introduction
- Legislation for Health and Safety
- Legislation for High Hazard Industries
- Process Safety Management (OSHA 29 CFR 1910.119)
- The Seveso Directive (EU Directive)
- Introduction to Safety Management Systems
- The Outer System Environment
- The Inner System Environment

### **DAY 2**

#### **Policy and Safety culture**

- Policy for Health & Safety
- Responsibility for accidents rest with management
- Organisational factors
- Human Factors
- Job Factors
- Organisation for health and safety
- Control, Co-operation, Communication, Competence
- Safety Culture

### **DAY 3**

#### **Planning and Implementation**

- Planning and Implementation
- Management arrangements
- Risk Control Systems - Inputs, Processes, Outputs
- Risk Assessments
- Work Permit Systems & LO / TO
- Hazard Communication
- COSHH Assessments
- Exercise

### **DAY 4**

#### **Measuring Performance & HAZOPs**

- Measuring Performance
- Active Monitoring systems
- Reactive Monitoring systems
- Audits & Reviews
- Case Study of the Flixborough Disaster
- Introduction to HAZOP
- Element selection
- Exercise

### **DAY 5**

#### **Behavioural Safety**

- Taylor, Herzberg, Vroom, Geller, Maslow
- ABC analysis - Antecedents, Behaviour and Consequences
- Natural penalties and consequences
- Identifying critical behaviours
- Observing behaviours
- Feedback on observations
- Case study: BP Texas City
- Course Evaluation and Summary