



Process Safety Management Compliance



7 - 18 October 2024



Boston (USA)

# Process Safety Management Compliance

course code: C8174 From: 7 - 18 October 2024 Venue: Boston (USA) - course Fees: 5500 Euro

## INTRODUCTION

Most Process Organisations have implemented an integrated approach to managing health, safety and environmental 'HSE' risks through an HSE Management System. This programme aims to highlight the benefits of such a system and its elements, based on industry best practice. This programme is designed to help delegates to demonstrate compliance with the organization HSE Management System, special focus is on risk management and promoting positive safety culture. In this programme you will learn to:

- Appreciate your role and responsibilities within the HSE Management System
- Enhance your knowledge of elements, sub-elements and expectations of the HSE- MS
- Gain necessary skills in carrying out practical risk assessment and incident investigation and analysis
- Develop a plan for promoting positive safety culture

## CONFERENCE OBJECTIVES

- Describe the company's HSE Management Systems
- How to demonstrate compliance with elements, sub-elements and expectations of the HSE- MS
- Understand the role of risk management in terms of risk assessment and incident investigation and analysis
- Appreciate the role of human error in risk assessment and contribution to incidents
- To identify weaknesses in the HSE- MS through analysis of root-causes for incidents
- Be familiar with the requirements of HS(G)65, BS 8800, OHSAS 18000, ISO 9000 and ISO 14000
- Be able to prepare action plans, setting targets and measuring performance
- Appreciate the value of promoting positive safety culture within your organisation

## TRAINING METHODOLOGY

Participants will learn by active participation during the programme through the use of exercises, questionnaire, syndicate and group discussion, training DVDs and discussions on 'real life' issues in their organisations.

## CONFERENCE SUMMARY

The conference aims to assist delegates in demonstrating compliance with the Company's HSE Management System. HSE- MS is detailed in terms of elements, sub-elements and expectations, based on best industry practice. Special focus will be placed on pro-active and reactive risk management element. The conference will concentrate on enhancing knowledge on risk assessment and incident investigation and issues relating to promoting positive safety culture within the organisation

## CONFERENCE OUTLINE

## Introduction into HSE Management Systems

- Introduction to course objectives and contents
- Why we need HSE Management System and what it is
- Individual and organisational roles responsibilities
- What should HSE Management System cover
- Standards for HSE Management
- Integrating OHSAS 18000, ISO 14000 and ISO 9000
- The role of safety culture

## Elements of HSE Management Systems

- Types of HSE Management Systems:
- Elements of HSE - Management Systems
- Sub-elements and expectations
- Leadership and commitment
- HSE Policy and Strategic Objectives
- Organisation, resources and competence
- Risk Evaluation and Management
- Planning, standards and procedures
- Implementation and monitoring
- Audit and management review

## Risk Management - 1 (Risk Assessment)

- Hazard, risk and risk assessment
- Hazards identification techniques
- Evaluation of HSE risks
- Risk assessment techniques
- Work equipment/workplace risk assessment
- Task-based risk assessment
- Occupational health risk assessment

## Risk Management - 2 (Incident Investigation)

- Organisational learning from incidents
- Case study: BP Texas Refinery explosion and fire
- Human contribution to incidents
- Active errors, preconditions and latent failures
- Identification and analysis of root-causes to incidents
- Framework for incident investigation and analysis

## Promoting Positive Safety Culture

- Motivation and employee involvement
- Development of positive safety culture
- What is safety culture
- How to promote safety culture
- How to measure safety culture
- Behavioural Safety and employee's involvement
- Selection of outcome indicators

