



*Training Course:
Process Safety Management Compliance*

*3 - 7 August 2026
Barcelona (Spain)*

Training Course: Process Safety Management Compliance

Training Course code: HE7029 From: 3 - 7 August 2026 Venue: Barcelona (Spain) - Training Course Fees: 6300 € Euro

Introduction

Most process organizations use HSE Management Systems to manage health, safety, and environmental risks. This program highlights the benefits of these systems and their key elements based on industry best practices. It focuses on risk management, compliance, and promoting a positive safety culture. Delegates will learn their roles in the HSE-MS, enhance knowledge of its elements, develop risk assessment and incident investigation skills, and create plans to foster safety culture.

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 HSG65, 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 organization

Target Audience

- HSE Managers and Coordinators
- Process Engineers and Safety Engineers
- Operations Managers and Supervisors
- Maintenance Managers and Technical Specialists
- Regulatory Compliance Officers
- Any personnel responsible for managing high-hazard chemical processes

Outlines

Day 1 - Introduction into HSE Management Systems

- Introduction to course objectives and contents

- Why we need an HSE Management System and what it is
- Individual and organizational roles responsibilities
- What should the HSE Management System cover
- Standards for HSE Management
- Integrating OHSAS 18000, ISO 14000 and ISO 9000
- The role of safety culture

Day 2 - 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
- Organization, resources, and competence
- Risk Evaluation and Management
- Planning, standards, and procedures
- Implementation and monitoring
- Audit and management review

Day 3 - 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

Day 4 - Risk Management - 2 Incident Investigation

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

Day 5 - 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

Registration form on the Training Course: Process Safety Management Compliance

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