



Conference:
Process Safety Management Compliance

19 - 23 July 2027
Madrid (Spain)

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Conference code: CO8174 From: 19 - 23 July 2027 Venue: Madrid (Spain) - Conference Fees: 6300 € Euro

Introduction

Most Process Organisations have implemented an integrated approach to managing health, safety, and environmental "HSE" risks through an HSE Management System. This program aims to highlight the benefits of such a system and its elements, based on industry best practices. This program is designed to help delegates to demonstrate compliance with the organization's HSE Management System, special focus is on risk management and promoting a positive safety culture. In this program 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 a practical risk assessment and incident investigation and analysis
- Develop a plan for promoting a positive 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, safety officers, and environmental specialists in industrial organizations
- Process safety engineers and operational safety professionals
- Plant managers, operations supervisors, and production leaders in high-risk industries
- Risk management and compliance professionals responsible for HSE systems
- Maintenance and reliability engineers involved in safe operation of equipment

- Quality assurance and integrated management system professionals
- Internal auditors and HSE system auditors
- Engineers and technical staff involved in hazard identification and incident investigation
- Consultants specializing in HSE management systems and regulatory compliance
- Professionals working under ISO 9001, ISO 14001, OHSAS 18000 / ISO 45001 frameworks
- Any personnel responsible for implementing, maintaining, or improving HSE Management Systems

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 Conference: Process Safety Management Compliance

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