Training Course:
Process Safety Management (PSM)

11 - 15 August 2025
Kuala Lumpur (Malaysia)
Royale Chulan Kuala Lumpur

Training Course:
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Introduction

This course will go over each PSM element in detail. The course introduces each PSM element as well as specific guidelines for incorporating PSM element requirements into other company programs and assessing program compliance throughout the implementation phase. This comprehensive training course will cover the 20 PSM elements in detail. Best practices for implementing and managing each of these elements will also be shared by facilitators. This course will also cover how to expand our PSM program to include the RBPS risk-based process safety elements.

objectives

- Discover how to identify process safety and major accident hazards in your facilities, as well as how to assess risks and define critical controls barriers

- Understand static and dynamic barrier management concepts, as well as how barrier management can be used to analyze process safety and root cause incident investigation.

- Gain hands-on experience with the creation of bowtie diagrams.

- Understand the characteristics of various types of barriers: physical plant, human people, and organizational process

- Demonstrating the organization's commitment to process safety

- Understanding hazards and the risks associated with them

- Risk management in operations, maintenance, and when new projects are launched

- Learn about the expectations and best practices for the individual PSM elements of the CCPS-RBPS and EI PSM frameworks. This includes best practices for digitizing PSM processes.

Target Audiance

- The course is intended for those who are responsible for developing and implementing process safety management in their organization but do not yet have a solid understanding of process safety and best practices in the PSM industry. This may include:

- Senior engineers e.g. reliability, inspection.

- Plant or unit managers

- Head of sections or departments operations, maintenance and inspection, engineering, etc.

Course Outline

- Day 1:

Commit to process safety

- Stakeholder outreach

- Process safety competency

- Process safety culture

- Compliance with standards

- Workforce involvement

Day 2:

- Understand hazards and risk

- Process knowledge management

- Hazard identification and risk analysis

Day 3:

- Operating procedures

- Safe work practices

- Emergency management

- Operational readiness

- Asset integrity and reliability

- Contractor management

- Management of change

- Manage risk

Day 4:

- Incident investigation

- Training and performance assurance

- Learn from incidents

- Conduct of operations

- Auditing

Day 5:

- Measurement and metrics

- Summary of roles and responsibilities

- Management review and continuous improvement.

- Developing PSM programs, implementation planning

Registration form on the Training Course:
Process Safety Management (PSM)

Training Course code: HE234925 From: 11 - 15 August 2025 Venue: Kuala Lumpur (Malaysia) - Royale Chulan Kuala Lumpur Training Course Fees: 6000 Euro

Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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