



*Training Course:
Process Safety Management Compliance*

*20 - 24 June 2027
Cairo (Egypt)*

Training Course: Process Safety Management Compliance

Training Course code: EN6012 From: 20 - 24 June 2027 Venue: Cairo (Egypt) - Training Course Fees: 4410 € Euro

Introduction

Process Safety Management PSM is a structured framework designed to prevent catastrophic incidents such as fires, explosions, and toxic releases in high-hazard industries. Ensuring compliance with PSM standards is critical for protecting people, assets, and the environment, while maintaining operational integrity.

This program, designed by Global Horizon Training Center, equips participants with the knowledge and practical tools required to implement, maintain, and audit PSM systems in line with international standards and regulatory requirements.

Course Objectives

By the end of this program, participants will be able to:

- Understand the principles and elements of Process Safety Management
- Interpret PSM regulatory requirements OSHA, API, CCPS
- Identify process hazards and conduct risk assessments
- Implement PSM elements across operations
- Develop and manage safety documentation and procedures
- Conduct compliance audits and gap analysis
- Investigate incidents and apply corrective actions
- Improve safety culture and operational integrity

Target Audience

This program is designed for:

- Process and Chemical Engineers
- HSE and Safety Professionals
- Operations and Plant Managers
- Maintenance and Reliability Engineers
- Compliance and Audit Personnel
- Oil & Gas and Industrial Professionals

Outline

Day 1: Fundamentals of Process Safety Management

- Introduction to PSM concepts and importance
- Overview of PSM elements OSHA 1910.119
- Process safety vs. personal safety
- Roles and responsibilities
- Regulatory frameworks and standards

Day 2: Hazard Identification and Risk Assessment

- Process hazard analysis PHA techniques HAZOP, What-if, FMEA
- Risk assessment methodologies
- Identifying potential hazards
- Risk ranking and prioritization
- Documentation of findings

Day 3: Implementation of PSM Elements

- Process safety information PSI
- Operating procedures and safe work practices
- Mechanical integrity and maintenance
- Management of change MOC
- Contractor safety management

Day 4: Monitoring, Auditing, and Incident Investigation

- Compliance audits and inspections
- Performance monitoring and KPIs
- Incident investigation and root cause analysis
- Corrective and preventive actions
- Continuous improvement

Day 5: Safety Culture, Leadership, and Best Practices

- Building a strong safety culture
- Leadership in process safety
- Human factors and behavioral safety
- Emergency response planning
- Case studies and real-world applications

Registration form on the Training Course: Process Safety Management Compliance

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

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