



*Training Course:  
Process Safety Management (PSM)*

*24 - 28 June 2024  
Liverpool (UK)*

## Training Course: Process Safety Management (PSM)

Training Course code: HE234925 From: 24 - 28 June 2024 Venue: Liverpool (UK) - Training Course Fees: 5775 € Euro

### 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.

### Learning objectives

In this course, you will:

- 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

Recognize how a PSM system can aid in the management of process safety risks by providing governance and structure in terms of:

- 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.

### Who should attend?

- 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: 24 - 28 June 2024 Venue: Liverpool (UK) - Training Course Fees: 5775 € Euro

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

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
Telephone / Mobile: .....  
Personal E-Mail: .....  
Official E-Mail: .....

### Company Information

Company Name: .....  
Address: .....  
City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
Telephone / Mobile: .....  
Personal E-Mail: .....  
Official E-Mail: .....

### Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
- ☐ Please invoice me
- ☐ Please invoice my company

### Easy Ways To Register

Telephone:  
+201095004484 to  
provisionally reserve your  
place.

Fax your completed  
registration  
form to: +20233379764

E-mail to us :  
info@gh4t.com  
or training@gh4t.com

Complete & return the  
booking form with cheque  
to: Global Horizon  
3 Oudai street, Aldouki,  
Giza, Giza Governorate,  
Egypt.