

Process Safety Management (PSM)

Course overview

This course is tailor-made for anyone with a strong interest in the growing field of process safety which is an essential consideration in a diverse range of energy sector industries from petrochemicals, oil and gas field development, mining, fertilisers, renewable energy etc. This course will give learners an overview of process safety, risks posed by process hazards and available techniques for managing risks.

The content is learner-centred with high interconnectedness between learners and instructors. The course would include tasks and world examples relevant for practice, delivered in an interactive and engaging approach. The course design is structured and guided with clear expectations, coupled with knowledge validation aligned with outcome.

Delivery: Classroom, Face-to-face or Virtual
Duration: 3 days

SOG
ACADEMY

This course is delivered
in partnership with
Synergen OG.



Who should attend?

This course is aimed at anyone with a strong desire to develop their understanding of process safety and is ideal for energy sector personnel at all organisational levels with an emphasis on operational/maintenance supervisors, facilities engineers, design personnel and workforce members with responsibility for site safety.

This course examines the following five critical aspects:

- Introduction to Process Safety
- Process Safety Culture
- Process Hazard Analysis and Risk Assessment
- Managing Process Safety Risks
- Review and Improvement

Learning Outcomes

By the end of the course, learners will understand:

- Key elements of the Process Safety Management framework
- Differences between Process Safety and Occupational Safety Hazards
- Key organisational requirements for developing a positive process safety culture
- Hazard Identification and Risk Assessment Techniques
- Impact of contractor/third party interfaces
- Key principles in developing and maintaining good procedures
- Key aspects of Management of Change (MoC)
- Importance of inspection and maintenance regime
- Key aspects of Emergency Response Preparedness (ERP)
- Review of Key Safety Performance Indicators
- Key aspects of incident investigation

CPD
The CPD Certification Service

Certificate

Participants who fulfil the course requirements and complete all required exercises will be awarded a Certificate of course completion. Our courses are CPD certified.

Enquire
via our
website

