

**Course Code** 20-11AB17-23

Process Safety Fundamentals (PSF)

Course Overview

This workshop will enable attendees to understand the principles of Process Safety Management (PSM) and how to apply Risk Assessment systems to all activities that have the potential to impact upon Health and Safety, Production, Asset, Environment and the company's reputation. Those completing the course will be competent to ensure that all risks within an organisation have been considered and assessed with control measures implemented to achieve ALARP (As Low as Reasonable Practicable) whilst delivering great business performance safely.

Who should attend?

This programme is appropriate for all supervisors and line management who fulfil a role within HSE management systems. Production, project, process, mechanical, control, maintenance and HSE personnel.

Topics covered

By the end of the programme, participants will be able to:

- Recognise difference between hazards, risks and where hazop fits within the risk management cycle
- Define what is PSM and who is covered by the standard
- Develop skills for applying risk management techniques relevant to the process industry
- Understand major hazards within the process industry, including fire, explosion and toxic release
- List the elements of the psm standard
- Explain how process safety culture will affect psm in organisations

Duration : 5 Days (40 hours in total, assuming an 8-hour day)

