

FUNDAMENTALS OF PROCESS SAFETY MANAGEMENT

OVERVIEW

This course is intended to introduce you to the basic requirements in the process safety management standard and the need for process safety. It covers the key elements of process safety standard, case studies, and some tools used to address process safety requirements, identify hazards, analyse consequences and likelihood, and manage risks.

WHO SHOULD ATTEND

Fundamentals of Process Safety Management is aimed at process industry practitioners seeking to expand or refresh their process safety knowledge across a broad range of topics. The course will also benefit anyone who would like to develop an understanding of process safety.

COURSE OUTLINE

- Business context for process safety
- Hazard identification and evaluation
- Consequence and likelihood analysis
- Risk analysis
- Risk reduction measures
- Management systems
- Management of change
- Asset integrity
- Human factors
- Process safety leadership and culture

MODULE SYNOPSIS

- Understand the key principles of process safety and its management
- Understand the overview process safety strategies to prevent the occurrence or mitigate the consequences of the process safety incidents
- Learn to identify hazards and assess the risks associated with hazardous substances and plant
- Learn to monitor performance to achieve continual improvement in process safety performance



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