



Process Safety Management

Duration 3 Days

Course Outline

Day 1

- **Introduction to PSM and its origins and goals**
- Overview of PSM standards and regulations world-wide, definitions, compliance interpretations
- Elements of PSM:
 - Human error basics
 - Elements missing from most PSM systems, including specific human factor aspects, management commitment & accountability, and project risk management
 - Employee participation
 - Trade secrets
 - Process safety information
 - Operating procedures

Day 2

- **Elements of PSM (continued):**
 - Hot work permit/safe work
 - Training
 - Contractors
 - Process hazard analysis
 - Management of change
 - Mechanical integrity
 - Pre-startup safety review

Day 3

- **Elements of PSM (continued):**
 - Emergency planning and response
 - Incident investigation
 - Compliance auditing
- Key Performance Indicators, Leading Indicators, and Tracking
- Summary of roles and responsibilities
- Developing PSM programs, implementation planning