
ABI4010 – ABIO SH Certificate in Process Safety management (PSMCert)©

This course introduces the PSM architecture (written programs, roles and responsibilities, implementation including training, record keeping, and auditing). The course explores all 14 key elements (parts) of a comprehensive PSM program and how the overall architecture applies to each. Links between elements and integration with existing and sometimes overlapping current company policies (such as quality and reliability programs) are also discussed. Delegates would learn how to interpret the performance-based requirements of EPA risk management standards, as well as learn about related industry standards.

PRE-REQUISITE: None

DURATION: 1 Week

TARGET AUDIENCE

- HSE professionals; Compliance Auditors
- Operations and Safety Managers
- Process/Safety/Mechanical Engineers
- Environmental Management and Technicians
- PSM Implementation Team Members
- Operations and Maintenance Staff
- Process reliability staff; Quality Control Managers and Staff
- Process quality control/assurance staff
- PSM Coordinators and Quality Compliance Audit

COURSE CONTENTS

PSM 1

- Employee Participation
- Process Safety Information
- Operating Procedures
- Hot Work Permit/Safe Work Practices
- Training
- Contractors
- Process Hazard Analysis
- Management of Change
- Mechanical Integrity
- Pre-Start-up Safety Review
- Emergency Planning and response

- Incident Investigation/Root cause analysis
- Compliance Auditing
- Trade Secrets
- Management Commitment and Accountability
- Auditing for Process and Risk Management plan
- Writing effective operating and maintenance procedures

PSM 2

Practical application which involves writing a PSM Implementation Plan for a chosen process taking into consideration the 14 elements of Process Safety Management.

EXAM STRUCTURE

PSM1:

Written Exam: 2 hours – 10 questions

PSM2 Project:

To be submitted no later than 3 weeks after the exams

**Course material is available to purchase with sample answer papers by contacting
ABIOSH on info@abiosh.com**