

H S E

HEALTH

SAFETY

ENVIRONMENT



Contact us

Website: <https://btsconsultant.com/>

Email: info@btsconsultant.com

UAE office Tel: +971 26446633

Egypt Office Tel: +2 0502308081

Oil & Gas Process Safety Management

Duration: 5 Days



Introduction:

This course provides an in-depth study of each PSM element. The course introduces each PSM element and the specific guidelines for integrating PSM element requirements into other corporate programs and evaluating program compliance throughout the implementation phase. The candidates will be able to understand: PSM and its history, who is covered by such a program, the PSM team process, the elements of a properly designed PSM program and how to begin the process, the basics of how PSM and the EPA's Risk Management Plans (RMP) work together.

Who Should Attend?

Supervisors, Engineers, PSM Implementation Team Members (Anyone involved with implementation, including operators and maintenance personnel), Compliance Auditors, Environmental Management and Technicians

Course Objectives:

By the end of this course delegates will be able to:

- Why Process Safety Management (PSM) was promulgated
- Why, even with PSM, catastrophes are still occurring
- Who is covered and what exemptions exist
- The team process for developing a PSM program
- Each element of a properly designed & implemented program and how to design a PSM program through a course case study
- How PSM and Risk Management Plan (RMP) work together to protect the workforce and surrounding community
- The elements of an RMP and how to develop and submit it to the EPA

Course Outline:

Course Intro & Case Study Introduction

- Employee Participation Case Study
- Application & Exclusions
- Application & Exclusions Case Study
- Hazards of the Process & Toxicity
- Hazards of the Process & Toxicity Case Study
- Technology of the Process & Equipment in the Process
- Technology of the Process & Equipment in the Process Case Study Team Exercise
- Mechanical Integrity, Inspection & Testing, Quality Assurance

- Mechanical Integrity, Inspection & Testing, Quality Assurance Case Study
- Process Hazard Analysis
- Process Hazard Analysis
- Process Hazard Analysis Case Study
- Management of Change
- Management of Change Case Study
- Operating Procedures
- Safe Work Practices
- Operating Procedures & Safe Work Practices Case Study Team Exercise Training
- Training Case Study Team Exercise
- Contractor Management & Emergency Preparedness
- Contractor Management & Emergency Preparedness
- Case Study Team Exercise
- Incident Investigation, Compliance Audits & Trade Secrets
- Compliance Audits Case Study
- EPA Risk Management Plans (RMP)
- Course Closing, Evaluations & Resources