



Certified Process Safety Management Course

32 Hours / 3.6 CEU's

Course Fees: \$895.00

Note: Refresher certification is required every three years to maintain professional credential.) Renewal Fee: \$150.00

Course Description:

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.

This course also covers how to expand your PSM program to include the RBPS (risk-based process safety) elements as proposed by the CCPS (Center for Chemical Process Safety), a division of AIChE (American Institute of Chemical Engineers).

Case Studies – Case studies and exercises are used throughout the course to illustrate interpretations of the requirements and demonstrate ways to develop an effective PSM program, including several video based case studies, including several video-based case studies.

Typical Course Candidates

- Managers – Operations, Safety and Executive
- Engineers – Process, Safety and Mechanical
- PSM Implementation Team Members – Anyone involved with implementation, including operators and maintenance personnel
- Compliance Auditors
- Environmental Management and Technicians

What You Will Learn:

- To interpret the performance-based requirements of the U.S. OSHA PSM and EPA risk management standards, as well as learn about related industry standards
- The elements of process safety that are missing from typical PSM systems, including Human Factors elements (communication, human system interface, work environment, staffing, and fitness for duty), Facility Siting element, Project Risk Management, Senior Leadership & Accountability.
- Multiple options for implementing an effective need-specific program
- Specific guidelines for developing cost effective written programs tailored for each PSM element, whether for a single facility or a corporation
- How to avoid costly implementation mistakes
- Jargon for communicating PSM requirements to others throughout the organization

Audience

- General Industry and Construction Managers & Workers who are involved with process safety management activities.
- Building Contractors
- Safety Supervisors
- Building Inspectors
- Training Managers
- Industrial Hygienists

Testing:

Students completing the course must take a proctored final exam. A score of 80% on the final exam is necessary to receive your professional credential. The student gets three (3) attempts to pass the course