

# AIChE<sup>®</sup> INSTRUCTOR LED TRAINING

Course Number: CH501	Course Title: <b>CCPS' The OSHA Regulatory Approach to Process Safety Management</b>
<a href="http://www.aiche.org/ccps/education/courses/ch501/osha-regulatory-approach-process-safety-management">http://www.aiche.org/ccps/education/courses/ch501/osha-regulatory-approach-process-safety-management</a>	

## Day 1

- 8:00 - 8:30:** Registration
- 8:30 - 8:45:** Introductions, Class "Rules," and Expectations
- 8:45 - 10:00:** Book Organization; Background & History: Need for PSM
- 10:00 - 10:15:** Break
- 10:15 - 12:00:** OSHA's PSM Regulatory Requirements
- 12:00 - 1:00:** Lunch
- 1:00 - 3:00:** OSHA's PSM Regulatory Requirements cont.
- 3:00 - 3:15:** Break
- 3:15 - 5:00:** OSHA's PSM Regulatory Requirements cont.

## Day 2

- 8:30 - 9:00:** CCPS 20 Element Risk Based Process Safety Approach
- 9:00 - 10:00:** EPA's RMP Regulatory Requirements (different than OSHA's Requirements)
- 10:00 - 10:15:** Break
- 10:15 - 10:45:** The Benefits of PSM Programs
- 10:45 - 11:15:** Metrics
- 11:15 - 12:00:** Managing Risk
- 12:00 - 1:00:** Lunch
- 1:00 - 3:00:** Managing Risk cont.
- 3:00 - 3:15:** Break
- 3:15 - 5:00:** PSM Tools—PHA Methodologies Overview

## Day 3

- 8:30 - 10:00:** PSM Tools—PHA Methodologies Overview (Cont.)
- 10:00 - 10:15:** Break
- 10:15 - 11:15:** Siting
- 11:15 - 12:00:** PHA Report
- 12:00 - 1:00:** Lunch
- 1:00 - 1:30:** Human Factors
- 1:30 - 2:30:** Incident Investigations

**2:30 - 3:00:** Security Risk Considerations  
**3:00 - 3:15** Break  
**3:15 - 4:15** Building a PSM Plan for your company  
**4:15 - 4:30** Discussion of Resources  
**4:30 ~ 5:00** Course Critique and Graduation

