

## Training

Primatech provides comprehensive and effective training in process safety management topics to companies within the chemical, oil, gas, refining, specialty chemical, and related process industries. We have trained thousands of people world-wide.

### THE PRIMATECH ADVANTAGE

We offer over 35 training courses on process safety and risk management topics. New courses for 2013 include *Risk Tolerance Criteria for Process Safety* and *SIL Determination Using LOPA and Other Methods*.

Primatech upholds the highest standards of quality and effectiveness for all of our training courses. Each course is continually updated with the latest technical information, regulatory updates, industry best practices, and Primatech's own real-world implementation experience. Proven adult learning techniques and practical hands-on workshops and exercises are built into Primatech's courses to maximize the retention of information and provide a highly effective and practical learning experience.

Our instructors, who are also Primatech consultants, are experts in PSM and RMP with extensive experience in the everyday application of what they teach. Their practical knowledge is shared with attendees during classroom discussions.

Primatech's training courses are available through a schedule of publicly available, open-enrollment offerings held around the U.S. and internationally. All courses are also available for private, in-house delivery at company facilities, and can be customized to meet a company's specific training needs.

**"A simple and comprehensible course that gives exactly what we need to conduct an effective audit."**

*– Process Safety Engineer  
Specialty Chemical Company*

### Training Courses:

- PHA for Team Leaders
- Refresher Training for PHA Team Leaders
- Advanced PHA for Team Leaders
- Principles of PHA for Team Members
- Management Briefing on PHA
- Layers of Protection Analysis (LOPA) for PSM
- Risk Tolerance Criteria for Process Safety
- Safety Integrity Level (SIL) Determination
- Understanding IEC 61511 / ISA 84
- Safety Integrity Level (SIL) Verification for SIS
- Management Briefing on Functional Safety and SIS
- Management Briefing on LOPA
- Designing and Implementing a PSM Program
- Auditing PSM Programs
- Management of Change (MOC) for Process Safety
- Mechanical Integrity for Process Safety
- PSM Essentials – Boot Camp for Facility Personnel
- Management Briefing on the OSHA Chemical NEP
- Management Briefing on PSM
- Updating Risk Management Plans
- Principles of Procedure Writing
- Advanced Procedure Writing
- JSA – Assessing Workplace Hazards
- Understanding Human Factors for Process Safety
- Understanding Human Factors for Control Systems
- Human Error and Reliability Analysis
- Management Briefing on Human Factors
- Understanding and Applying Cyber Security
- Cyber Security Vulnerability Analysis
- Management Briefing on Cyber Security
- Dispersion and Consequence Modeling
- Risk Analysis and Decision Making
- Probability and Frequency Analysis
- Using PHAWorks® Software
- Using LOPAWorks® Software
- Using Tracker™ Software

# ***Specialists in Safety, Security and Risk***

## ***Consulting***

Primatech provides industry-leading services to help companies meet their PSM and risk management objectives. Primatech utilizes expert consultants, innovative approaches, and unsurpassed standards for project work.

## ***Training***

Primatech is a leading provider of process safety training to companies in the U.S. and around the world, Primatech offers over 35 courses for open enrollment and private, on-site delivery. Primatech courses are widely known for being the most comprehensive available. Courses feature hands-on workshops, detailed resource materials, and expert instructors. Primatech is the recommended process safety training provider for many organizations.

## ***Certification***

Primatech Certification Services (PCS), founded by Primatech Inc. as an independent organization, provides recognition to process safety and risk management professionals who meet defined standards in specific technical areas. Currently, professionals can seek certification in process hazards analysis, layers of protection analysis and process safety auditing.

## ***Software***

Primatech's software products are proven tools to support your process safety, security and risk management programs. Currently, Primatech offers the software packages LOPAWorks®, PHAWorks®, and Tracker™.

***PrimaTech***  
*Specialists in Safety, Security and Risk*