

# Process Safety Management

## of Highly Hazardous & Explosive Chemicals

[www.psmtraining.com](http://www.psmtraining.com)

Many small businesses and large businesses currently do not have the knowledge base necessary to create and implement an effective Process Safety Management Program. Both small and large businesses operate on restricted budgets with limited budget flexibility. The result has been many process safety related accidents and catastrophes over the past years. Providing those businesses with a clear understanding of the requirements of the standard and a simple methodology to comply with those requirements can assist them with a cost effective method of compliance.

Under a special grant from OSHA's Susan Harwood Program the Georgia Tech Research Institute is offering a no-cost 1-week in-depth, case study driven course.

### Course Objectives

After participation in this course, the participant will be able to Understand: PSM & History, Why PSM Catastrophes Still Occur, Who is Covered by PSM, the Team Process in Developing a PSM Program, Each of the Elements of a Properly Designed PSM Program and How to Begin the Process, and the Basics of How PSM & EPA's Risk Management Plans (RMP) Work Together to Protect the Workforce & Surrounding Community.

### *Empowerment Through Education*

Free PSM Course in the Houston Area

### **One-Week Course**

**September 13-17, 2010 - Houston**

Gulf Coast Safety Institute  
320 S. Delaney Road  
LaMarque, Texas 77568



Georgia Tech Research Institute  
Systems Integration Division  
Occupational Safety & Health Programs  
(404)407-8140 | [www.oshainfo.gatech.edu](http://www.oshainfo.gatech.edu)

To Register, Contact: Carol York  
Georgia Tech Research Institute  
430 10<sup>th</sup> Street NW, North Building  
Atlanta, Georgia 30302

Phone: 404-407-8140 Fax: 404-407-9140  
E-mail: [carol.york@gtri.gatech.edu](mailto:carol.york@gtri.gatech.edu)

### Course Highlights

Through Review of Real Life Examples, Participants will:

- Explore Who is Actually Covered by the standard
- Review Each Element of the PSM Standard and how to comply
- Have Access to PowerPoint Presentations
- Utilize references to help identify key methods of compliance with this difficult standard.

*All Materials provided to participants are theirs to keep for use in presentations and training to their own Process Safety Management Teams, safety professionals, or employees*

### Course Topics

- Process Safety Management History
- Hazards of the Process
- Toxicity Information
- Technology of the Process- Block Diagrams
- Equipment in the Process – P&ID's
- Mechanical Integrity
- Inspection, Testing & Maintenance
- Quality Assurance
- Process Hazard Analysis
- Operating & Safety Procedures
- Training
- Contractor Pre-Qualification
- Emergency Preparedness
- Incident Investigation
- Compliance Audits
- EPA Risk Management Plans (RMP)

### Course Resources

- PowerPoint Presentations
- Reference Guide
- Participant's Notebook

Information Provided Under OSHA Susan Harwood Grant  
#SH-17811-08-60 - F-13

# Process Safety Management

## of Highly Hazardous & Explosive Chemicals

[www.psmtraining.com](http://www.psmtraining.com)

Many small businesses and large businesses currently do not have the knowledge base necessary to create and implement an effective Process Safety Management Program. Both small and large businesses operate on restricted budgets with limited budget flexibility. The result has been many process safety related accidents and catastrophes over the past years. Providing those businesses with a clear understanding of the requirements of the standard and a simple methodology to comply with those requirements can assist them with a cost effective method of compliance.

Under a special grant from OSHA's Susan Harwood Program the Georgia Tech Research Institute is offering a one-day course in to clearly address the requirements of the standard.

### Course Objectives

After participation in this course, the participant will be able to Understand: PSM & History, Why PSM Catastrophes Still Occur, Who is Covered by PSM, the Team Process in Developing a PSM Program, Each of the Elements of a Properly Designed PSM Program and How to Begin the Process, and the Basics of How PSM & EPA's Risk Management Plans (RMP) Work Together to Protect the Workforce & Surrounding Community.

### *Empowerment Through Education*

#### PSM One-Day Course

In Partnership with  
Western North Carolina Safety Conference



**November 8, 2010 - Raleigh**  
Doubletree Hotel/Biltmore/Ashville  
115 Hendersonville Road  
Asheville, NC 28803

**To Register:**

Visit: <http://wncsafetyschool.com>



Georgia Tech Research Institute  
Occupational Safety & Health Programs  
(404)407-8284 | [www.oshainfo.gatech.edu](http://www.oshainfo.gatech.edu)  
To Register, Contact: Carol York  
Georgia Tech Research Institute  
430 10<sup>th</sup> Street NW, North Building  
Atlanta, Georgia 30302  
Phone: 404-407-8140 Fax: 404-407-9140  
E-mail: [carol.york@gtri.gatech.edu](mailto:carol.york@gtri.gatech.edu)

### Course Highlights

Through Review of Real Life Examples, Participants will:

- Explore Who is Actually Covered by the standard
- Review Each Element of the PSM Standard and how to comply
- Have Access to PowerPoint Presentations
- Utilize references to help identify key methods of compliance with this difficult standard.

*All materials provided to participants are theirs to keep for use in presentations and training to their own Process Safety Management Teams, safety professionals, or employees*

### Course Topics

- Process Safety Management History
- Hazards of the Process
- Toxicity Information
- Technology of the Process- Block Diagrams
- Equipment in the Process – P&ID's
- Mechanical Integrity
- Inspection, Testing & Maintenance
- Quality Assurance
- Process Hazard Analysis
- Operating & Safety Procedures
- Training
- Contractor Pre-Qualification
- Emergency Preparedness
- Incident Investigation
- Compliance Audits
- Trade Secrets
- EPA Risk Management Plans (RMP)

### Course Resources

- PowerPoint Presentations
- Reference Guide
- Participant's Notebook

Information Provided Under OSHA Susan Harwood Grant  
#SH-17811-08-60 - F-13