



Spring 2012 Process Safety Training Courses

March 22 - 23, 2012

Fauske & Associates, LLC (FAI), presents two individual process safety courses, designed to identify hazards and control strategies that allow for explosion and fire hazard risk minimization in the process industries.

Topics to be covered:

- Flammability and electrostatic hazards
- Dust/flammable explosion hazards and prevention and protection practices, including OSHA Combustible Dust National Emphasis Program.

Who should attend?

FAI designed these introductory courses for personnel including – but not limited to – chemists, engineers, technicians and operational staff in R&D, Process Development, kilo, pilot and full-scale production in the chemical, petrochemical, food, cosmetic, detergent, plastic, paper, agrochemical and pharmaceutical industries.

Day 1 – Thursday, March 22

Introduction to Understanding and Controlling Flammability Hazards

Description

This course will allow engineers and process safety personnel to identify hazards of conducting processes with combustible and flammable solvents. A review of common flammable and electrostatic principles will be discussed, in terms of theory and case reviews.

Scheduled Agenda

- Introduction – Basic Theory and Definitions
- Review of Significant Incidents
- Conditions for Fire & Explosion
- Small-Scale Tests
- Theoretical Calculations (Predictions)
- Ignition Factors, Including Electrostatics
- Explosion Control
- Case Studies
- Daily Learning Assessment
- Questions and Answers
- Course Evaluation

Outcomes

After completing this course, participants will be able to describe and define the fundamental principles of flammability and electrostatic hazards in various industry settings, including:

- Defining what constitutes flammability and electrostatic hazards
- Identifying and mitigating conditions that create such hazards
- Interpreting and reporting on such hazards

Day 2 – Friday, March 23

Introduction to Dust Explosions Hazards, Prevention and Protection Practices

Description

This course will ensure all participants are aware of important issues associated with OSHA's Combustible Dust National Emphasis Program, NFPA 654 and other relevant standards and codes. A logical approach to characterizing a powder's hazardous dust properties will be presented, as well as a description of various techniques used to control and/or avoid dust explosions in a safe and compliant manner.

Scheduled Agenda

- Introduction
- Review of Recent Dust Explosions
- Fundamentals of Dust Explosions
- How to Comply With NFPA Codes and OSHA's Program on Combustible Dust Compliance
- Protection Options
- Daily Learning Assessment
- Questions and Answers
- Course Evaluation

Outcomes

After completing this course, participants will be able to identify potential dust hazards and know how to utilize appropriate test methods to determine levels of potential hazards; as well as apply appropriate mitigation techniques to prevent combustible dust hazards, including:

- Identifying levels of hazard
- Determining appropriate testing methodology
- Ascertaining process application

Each one-day course runs from 9 am to 4 pm over two consecutive days. Each course may be attended individually.

Prices: \$575.00 per day or
\$1150.00 for both days

Fees include hotel room, continental breakfast, lunch and two snacks for each day of attendance.

Location:

Chicago Marriott Southwest at Burr Ridge
1200 Burr Ridge Pkwy
Burr Ridge, IL 60527
(630) 986-4100

Contact Lisa Karcz: karcz@fauske.com, (630) 887-5232, Fax: (630) 986-5481

SPRING 2012 PROCESS SAFETY TRAINING COURSES

Introduction to Understanding and Controlling Flammability Hazards - Thursday, March 22
Introduction to Dust Explosions Hazards, Prevention and Protection Practices - Friday, March 23

REGISTRATION FORM

Location:

Chicago Marriott Southwest at Burr Ridge
1200 Burr Ridge Pkwy
Burr Ridge, IL 60527
(630) 986-4100

Trainer/Host:

Fauske & Associates, LLC
16w070 83rd Street
Burr Ridge, IL 60527
1+877-FAUSKE1

First Name: _____ Last Name: _____

Company Name: _____ Position: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Cell: _____ Fax: _____

Email: _____

Price:
\$575.00 per day or
\$1,150.00 for both days

Fee includes hotel room, continental breakfast, lunch and two snacks for each day of attendance.
All fees must be received prior to course commencement.
We accept Visa, Mastercard, American Express, purchase order or company check.

Payment Method: _____ Visa _____ Mastercard _____ AmEx _____ Purchase Order _____ Company Check

Name on Account: _____

Account Number: _____ Expiration Date: _____

Signature authorizing Fauske & Associates, LLC, to charge credit card:

Please select which day(s) you will be attending:

- Day 1: Thursday, March 22 - *Introduction to Understanding and Controlling Flammability Hazards*
 Day 2: Friday, March 23 - *Introduction to Dust Explosions Hazards, Prevention and Protection Practices*

Cancellation Policy: Cancellations will be accepted up to March 12, 2012

Contact Lisa Karcz: karcz@fauske.com, (630) 887-5232, Fax: (630) 986-5481



www.fauske.com