



Fall 2016 Combustible Dust & Flammability Hazards Training Courses Thursday, November 10 - Friday, November 11, 2016

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 mitigation in the process industries. Each course may be attended individually.

Topics to be covered:

- Flammability and electrostatic hazards
- Prevention and protection practices for dust explosion hazards, including OSHA Combustible Dust National Emphasis Program

CEUs: 0.6 per course

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, agrochemicals and pharmaceutical industries.

Technological/ Education Requirements:

There are no technological requirements for this introductory course. Grade 12 or higher education and 2-3 years professional experience are required.

Day 1 – Thursday, November 10 8 am - 4 pm

Introduction to Understanding and Controlling Flammability Hazards

Description

This course will enable engineers and process safety personnel to identify hazards of conducting processes with combustible and flammable liquids and gases. A review of common flammable and electrostatic principles will be discussed using theory and case reviews.

Scheduled Agenda

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

Learning Outcomes

After completing this introductory 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



CEU Credit Eligibility: FAI is an IACET (International Association for Continuing Education & Training) Authorized Provider. In order to be eligible for CEU credit (0.6 per course), attendees must be present for the duration of the course, score 85% or higher on the course assessment and complete the course evaluation.

Privacy: Fauske & Associates, LLC has a written policy to ensure privacy and confidentiality of participant training records and information. Training records will only be released with the expressed written permission of the participant. The participant record will be released to the participant or designated third party within 14 business days of the request.

Please direct instructor or course related questions to: Lisa Karcz: karcz@fauske.com, (630) 887-5232, Fax: (630) 986-5481

Prices: \$495.00 per day or \$990.00 for both days
Hotel accommodations and travel expenses are the responsibility of the participant
Fees include continental breakfast, lunch and afternoon refreshments for each day of attendance.

Location:
Fauske & Associates, LLC
16W070 83rd Street
Burr Ridge, IL 60527
(630) 323-8750



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There are no technological requirements for this introductory course. Grade 12 or higher education and 2-3 years professional experience are required.

Day 2 – Friday, November 11 8 am - 4 pm

Introduction to Dust Explosion 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

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

Outcomes

After completing this introductory course, participants will be able to identify potential dust hazards and 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 hazard levels
- Determining appropriate methodology for hazard characterization
- Ascertaining process application and hazard mitigation



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FALL 2016 COMBUSTIBLE DUST & FLAMMABILITY HAZARDS TRAINING COURSES

Introduction to Understanding and Controlling Flammability Hazards – Thursday, November 10, 8 am - 4 pm

Introduction to Dust Explosion Hazards, Prevention and Protection Practices – Friday, November 11, 8 am - 4 pm

REGISTRATION FORM

Course Location:

Fauske & Associates, LLC
16W070 83rd Street
Burr Ridge, IL 60527
(630) 323-8750

Trainer/Host:

Fauske & Associates, LLC
16W070 83rd Street
Burr Ridge, IL 60527
(630) 323-8750

First Name: _____ Last Name: _____

Company Name: _____ Position: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Cell: _____ Fax: _____

Email: _____

Price:

**\$495.00 per day or
\$990.00 for both days**

Fee includes continental breakfast, lunch and afternoon refreshments 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, November 10 - *Introduction to Understanding and Controlling Flammability Hazards*
 Day 2: Friday, November 11- *Introduction to Dust Explosion Hazards, Prevention and Protection Practices*

Hotel accommodations* and travel expenses are the responsibility of the participant

**A list of area hotels will be provided upon receipt of completed registration form*

Cancellation Policy: Cancellations will be accepted up to November 4, 2016

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



www.fauske.com