



Seminar Dates

Thursday, January 22nd, 2009
Thursday, February 18th, 2009
Thursday, March 26th, 2009
Start: 8:30 a.m. - End: 4:30 p.m.

LOCATION:

University of Illinois BIS
 1100 E. Warrenville Rd Naperville, IL 60563

Fly into either -Midway or O'Hare airports.
 Book your room at the: Fairfield Inn & Suites Naperville
 1820 Abriter Court - Naperville, IL 60563 - (630) 577-1820.
 Tell them "Dust Conference" \$104 per night government rate.
 First come first serve. 10 day cut-off. Walk to local and national
 restaurants. Hotel offers free internet, breakfast, pool and more.

PRESENTERS:

Joseph Howicz - Presenter: CSP and Fire Protection Expert.
 Howicz has worked as a senior compliance officer and
 investigator for OSHA and served at the OSHA National
 Training Institute. He holds a Master of Public Health degree
 in Environmental and Occupational Health Sciences from the
 University of Illinois.
Anthony Towey - Presenter: CIH and with a BS in Chemistry.
 Lead Industrial Hygienist supervising Compliance Safety
 and Health Officers and Whistle Blower Investigators.

*Is your facility or plant at risk
 for a dust explosion? Are your
 employees at risk?
 Is your business at risk?*



- ✓ Are your employees protected from dangerous equipment, room or building deflagrations and explosions?
- ✓ Is your operation protected from prolonged shut-downs and delays in production?
- ✓ Are you removing dust quickly enough to meet OSHA's housekeeping requirements?
- ✓ Do your efforts meet standards for prevention and mitigation?



**Get the
 Answers
 at this
 Seminar!**

Combustible Dust Explosions Seminar Outline

Morning Session - Hazard Recognition, Control and Inspection

I. Dust Explosions - An Occupational Safety and Health Problem

A. Background

- Organic dust explosions
- Metal dust explosions
- Grain handling industry

B. Elements of a Dust Explosion

C. Facility Dust Hazard Assessment

- Dust Combustibility
- Electrical Classification
- Equipment using dust and locations where dust can settle

Conference Attendees Receive:
 Lunch & Presentation Materials,
 Certificate of Completion-CEU's from
 the University of Illinois at Chicago

II. Preventing and Mitigating Dust Explosions

A. Methods used to reduce

- The potential for a combustible dust explosion or
- The severity of an explosion

B. Training for plant and employee protection

- Employees
- Supervisors and Managers

C. Guidelines and standards

- NFPA
- OSHA
- Other information

III. OSHA Combustible Dust National Emphasis Program

- A. Scope and application of the inspection program
- B. Inspection methods and procedures
- C. Applicable standards and their interpretation

Afternoon - Inspection Details, NFPA 654 as a Control Strategy

IV. OSHA Combustible dust inspection details

- A. OSHA's recommended questions for the compliance officer
- B. Inspection and audit guidelines

V. NFPA 654

Prevention of Dust Explosions from Combustible Particulate Solids

- A. Administration, Referenced Publications, Definitions
- B. General Requirements
- C. Performance Based Design Option
- D. Facility and Systems Design
- E. Process Equipment
- F. Fugitive Dust Control & Housekeeping
- G. Ignition Sources
- H. Fire Protection
- I. Training and Procedures
- J. Inspection and Maintenance



VI. OSHA Questions & Answers -

Anthony Towey - CIH, OSHA/DOL - Region V- Chicago North Office

Presenters:

JOSEPH HOWICZ - Presenter: CSP and Fire Protection Expert. Howicz has worked as a senior compliance officer and investigator for OSHA and served at the OSHA National Training Institute. He holds a Master of Public Health degree in Environmental and Occupational Health Sciences from the University of Illinois.



ANTHONY TOWEY - OSHA/DOL; CIH Is assigned as the Lead Industrial Hygienist supervising Compliance Safety and Health Officers and Whistle Blower Investigators. Anthony reports to Kathy O'Connell, Area Director of the Chicago North Office. Anthony has a BS in Chemistry was hired by OSHA in March of 1997, he became a certified industrial hygienist in 2003. He has worked for both Diane Turek and John Maronic of OSHA. Anthony was with the OSHA Training Institute as a Safety Instructor in June of 2002 until July of 2005.



University of Illinois -BIS Center - 1100 E Warrenville Rd, Naperville - Illinois - USA

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Full Day Attendee - ISC Member - \$255 Non-Member - \$295

ISC FAX: (312) 236-8304 - ISC Phone: (312) 372-9756 - www.ILSafetyCouncil.org

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