



The AIHA, NJ Section, Inc.
Presents:

**NORTHEAST INDUSTRIAL
HYGIENE CONFERENCE
PROFESSIONAL
DEVELOPMENT COURSES**

Thursday, December 5, 2019

**PSEG Hadley Road Facility
4000 Hadley Road
South Plainfield, NJ 07080**

The NEIH Conference and Exposition, being held on Friday, 12/6/19, is presented by the NJAIHA, and co-sponsored by Philly and NY. Please plan to attend both events!

Each PDC accounts for 3.5 Technical Contact Hours and may be eligible for ABIH CM credit. Course fees include continental breakfast, lunch, and refreshments.

For questions, contact: Doug Glorie, PDC Chair
douglas.glorie@stvinc.com, 646-823-4127

Morning courses will begin at 8:30 a.m. Please sign in between 8:00 and 8:30 a.m.

Afternoon courses will begin at 1:00 p.m. Please sign in for those between 12:30 and 1:00 p.m.

NOTE: PDC's will be held at the PSE&G facility (South Plainfield) and the 2019 NEIHce will be held at the Westin Forrestal Village in Princeton, NJ.

GENERAL DIRECTIONS TO PSE&G

From North NJ/NY Area - Take **N.J. Turnpike to Exit 10**. Follow signs for **I-287 North** and take **Exit 4 for Durham Avenue/South Plainfield**. Go down the ramp and bear left. Go one block to light and make a right onto **Hadley Road**. Go past the first light. The PSE&G building is on the righthand side, which is about 200 yards past the light. Look for the PSE&G sign.

From West (PA) - Take **PA Turnpike East** until the end and follow onto **NJ Turnpike North**. Follow the same directions as North NJ/NY area

From South NJ - Follow the same directions as North NJ/NY Area

From Route 287 (South) - Take **Exit 5** and make a right onto **Stelton Road**. Make first left that is **Hadley Road**. Go past the two lights. The building is on the left-hand side. Look for the PSE&G sign on left.

There are two payment options:

- **Credit card via RegFox (online)**
- **Check payable to NJAIHA (mail-in)**

ONLINE REGISTRATION LINK:
<https://njaiha.regfox.com/2019-pdc>

PLEASE REGISTER by 11/18/2019 to avoid late fees.

Registrations without payments *WILL NOT BE ACCEPTED*. Fee per course \$125 if received by 11/18/2019 -- \$150 afterwards.

Mail-In Registration Form (please print clearly):

Name: _____

Company: _____

Title: _____

Address: _____

Best phone# to reach you: _____

Email address: _____

Course #'s: _____

Amount Enclosed: \$ _____

Mail this registration form with check to:

**NJAIHA
c/o Ronnie Tutty
910 Potters Road Newton, NJ 07860
Telephone: (973) 300-0144**

Course Fees (each) –
\$125 if received by 11/18/2019
\$150 if received after 11/18/2019.

Course #1: Electrostatic Spark Hazards;
Flash Fire and Explosion Hazards; NFPA 652
Standard on Combustible Dust
8:30 AM – 12:00 noon

Course Instructor:
Vahid Ebadat, PhD
Stonehouse Process Safety

A key concern in facilities working with flammable liquids and powders is the initiation of a flash fire or explosion by electrostatic discharges. A flammable atmosphere is created when a critical amount of a fuel (flammable vapor/gas/aerosol/ and/or dust) is mixed with air. Ignition of flammable atmospheres can occur when the energy of the ignition source exceeds the minimum ignition energy of the flammable atmosphere under specific process condition. Many operations in the processing industry involve handling and processing of liquids and powders, most of which could, under process conditions be flammable. Flammable gas, vapor, and dust cloud atmospheres can be ignited if a sufficiently energetic ignition source is present. As one can imagine, flash fires and explosions can lead to catastrophic events involving fatalities, injuries, community impact, facility damage, and economic losses. National Fire Protection Association's (NFPA) 652: Standard on Fundamentals of Combustible Dusts addresses the general requirements for the management of combustible dust fire and explosion hazards and directs the user to appropriate/applicable NFPA's industry or commodity-specific standard.

Course #2: Silica in Construction
8:30 AM 12:00 noon

Course Instructor:
Phil Taylor
Rutgers School of Public Health

This PDC will identify how silica can affect worker health and provide template-models and guidance for a control program. It's common for different employers to work in close proximity. The controlling employer (controlling contractor) exerts the most influence and has the ability to set a general tone for work and create general conditions that guard against "fugitive dust" including silica. This training will address employer responsibilities pertaining to silica for worker safety and health. Upon completing of this training, participants should be better able to design an effective awareness-level respirable silica training program to help workers identify the source, pathology and the hazardous nature of crystalline silica; develop written exposure control plans for respirable crystalline silica; identify controlling employer (controlling contractor) responsibilities for developing site-wide "fugitive" respirable crystalline dust program for multi-employer worksites to control cross-employer exposures. Topics Covered: 1. What is silica? 2. History of occupational illnesses related to silica 3. Responsibilities of employers related to silica hazards 4. Customizing silica control plan template. 5. Employer responsibilities and worker rights for silica exposed employees.

Course #3: Ethical Fitness- A Method for Resolving Complex Dilemmas*
1:00 PM – 4:30 PM

Course Instructor:
Nancy Orr, CIH, CSP, FAIHA

This PDC on Ethical Fitness helps participants develop an increased awareness of the ethical issues and how they arise. Participants will learn to:

- Understand the nature of personal values and their role in guiding conduct
- Apply tools and skills to analyze ethical dilemmas
- Learn to identify and resolve potential 'conflict of interest' situations
- Make higher quality ethical decisions

Participants in this course will acquire essential skills necessary to make higher quality ethical decisions. This skill – building process begins by developing an awareness of ethical issues and how they arise.

The role of personal values and their application to decision – making is then examined. Participants practice using analytical techniques to explore right vs. wrong situations as distinct from right vs. right dilemmas, where values conflict.

Explore how to resolve situations where truth conflicts with loyalty; justice and mercy; set both short-term and long-term goals, and understand self-interest conflicts with the community's interest. Finally, participants will apply several resolution approaches to dilemmas in search of "the higher right."

***This course fulfills the ABIH ethics requirement for CIH recertification maintenance credit.**

Course #4: HAZWOPER - 'Where's the Beef?' (a.k.a. 'The Value Meal')
1:00 PM – 4:30 PM

Course Instructor:
Fred N. Rubel, M.S., QEP
Environmental Consulting, Inc.

This PDC presentation will provide attendees with at least five (5) actionable take away points when conducting and obtaining appropriate training required under the OSHA and EPA HAZWOPER regulations. The presentation will provide pointers for adding value when conducting or acquiring HAZWOPER training. Differences between the OSHA and EPA regulations will be covered, as will differing training requirements for those responding to environmental episodes versus those addressing contaminated sites.