

April 2014



# Philadelphia Section AIHA Newsletter

## April 2014 Half-Day PDC “Industrial Hygiene Potpourri”

The Philadelphia Section AIHA's April meeting will be a half-day Professional Development Course, “*Industrial Hygiene Potpourri*”, being presented on Friday, April 25th.

Speakers will present on topics that are currently significant to the world of industrial hygiene. We will discuss polychlorinated biphenyls (PCBs) in the built environment and the challenges of dealing with the hazards they may pose, including proper sampling techniques and data evaluation.

We will also look at the safety issues of combustible dusts, and the multiplicity of testing available to categorize their hazard level.

We will also hear presentations on the health and safety concerns of isocyanates in the work environment, especially important in light of OSHA's isocyanate emphasis program, and information on the Spray Foam Insulation Ventilation Research Study, conducted by the Center for the Polyurethanes Industry.

The PDC will be held at EMSL Analytical in Cinnaminson, NJ, and will include a continental breakfast and lunch. Informal laboratory tours will be available to attendees following the meeting.

We hope that you will be able to join us.

# Philadelphia Section AIHA

April 2014 Half-Day PDC

## *“Industrial Hygiene Potpourri”*

Friday, April 25th, 2014

EMSL Analytical 200 Route 130 North Cinnaminson, NJ

### Agenda

8:00 AM - 8:30 AM	Registration/Networking/Continental Breakfast
8:30 AM - 8:45 AM	Welcome/Introduction
8:45 AM - 9:45 AM	“PCBs in the Built Environment” (Robert J. DeMalo)
9:45 AM - 10:00 AM	Break/Networking Opportunity
10:00 AM - 11:00 AM	“Isocyanates: OSHA Emphasis Program/CPI Spray Foam Insulation Ventilation Research Study” (Jim Johnston and Richard Wood)
11:00 AM - 11:15 AM	Break/Networking Opportunity
11:15 AM - 12:15 PM	“Analytical Testing of Combustible Dusts” (Eugenia Mirica)
12:15 PM	Lunch

Optional EMSL lab tours will be available after lunch

Cost: Local Section Members\*: **\$ 30**  
Non-Members: **\$ 40**

\*- to take advantage of the discounted member rate, you must be a current dues-paying member of the Local Section.

Payment for this course **MUST** be made at the door on the day of the event. No advance payments will be accepted. Payment must be made via cash or check **ONLY** (no credit cards or PO's will be accepted, and we cannot invoice for the course fee).

**Pre-registration for this meeting is required. Pre-registration will close, without notice, when all seats have been filled.**

To pre-register, please send an email with your name and company affiliation to [register@philaaaha.com](mailto:register@philaaaha.com) before Noon on **Friday, April 18th**

If you are registering for someone else, or are registering a group of attendees, please provide email addresses for all attendees.

ABIH CM Points: This event may be eligible for ABIH CM credit. Please see the ABIH web site ([www.abih.org](http://www.abih.org)) for CM credit criteria.



# EMSL Analytical

200 Route 130 North - Cinnaminson, NJ, 08077

800-220-3675

## **From New Jersey Turnpike or I-295**

Take the turnpike to Exit 4 (Route 73) towards Camden/Philadelphia, or I-295 to exit 36 (Rt. 73 North). Take 73 North about 5 miles to the Rt. 130 North exit (the ramp has another ramp that merges on your left so be aware of cars there that come up pretty quick). Stay in the right hand lane on the ramp and get onto Rt.130. Just past the garden center is the driveway for EMSL (it comes up fast, so be ready to turn).

## **From Route 130 South to Cinnaminson (From Points North of Burlington)**

Turn right onto Cinnaminson Avenue, just past the Shop-Rite. Go all the way around the traffic circle and come back to Rt. 130. Cross over Rt. 130 to Church St. Go past the TD bank. Just past the first entrance to the bank is a back entrance road into the bank; turn right into this entrance road. Go past the bank and you will see the EMSL building ahead. Go to the far end on the building and turn right into the large lot.

## **From Route 130 North to Cinnaminson (From Points South)**

After passing Rt. 73, stay in the right hand lane. Just past the garden center is the driveway for EMSL driveway (it comes up fast, so be ready to turn).

## **From I-95 Philadelphia**

Take the Betsy Ross Bridge into New Jersey. Take exit for Rt. 130 North. Stay on 130 North to Cinnaminson. After Rt. 73, stay in the right hand lane. Just past the garden center is the driveway for EMSL (it comes up fast, so be ready to turn).

## **From West of Philadelphia**

Take the Schuylkill Expressway east to the Vine Street Expressway (I-676 East) to I-95 North. Follow I-95 North to the Betsy Ross Bridge (exit 26). Follow the direction above for "From I-95 Philadelphia".



**If you accidentally pass the turn for EMSL:** Heading North on Route 130, EMSL is just past the Rt. 73 overpass before the Pep Boys Plaza. If you go past the Pep Boys Plaza, you've missed the turn. To get back to EMSL, turn right at the next light (Church St.) and go past the TD Bank. Just past the first entrance to the bank is a back entrance road into the bank. Turn right into this entrance road. Go past the bank, and you will see the EMSL building ahead. Go to the far end on the building and turn right into the large lot.

## Speakers/Presentations

**Robert DeMalo** has worked in the Industrial Hygiene and Analytical Laboratory industries for over 20 years. In this time he has performed numerous asbestos, lead, mold, IAQ, Industrial Hygiene, soil and groundwater sampling and analysis projects. He has intensely studied and worked with asbestos both in the field and laboratory settings for over 20 years with publications in peer reviewed journals (ASTM). He currently serves as EMSL's Senior Vice President for Laboratory Services and Business Development. Mr. DeMalo holds a Bachelor's degree in Economics from the State University of New York at Stony Brook and a Master of Science degree in Environmental and Occupational Health Science from the City University of New York at Hunter College.

Mr. DeMalo will discuss the usage of PCBs in the built environment and the challenges of dealing with the hazards from them including proper sampling techniques and data evaluation.

**Eugenia Mirica, Ph.D.**, is the Laboratory Manager of the Materials Science Laboratory at EMSL Analytical, Inc. She earned her Ph.D. in Materials Science from Stevens Institute of Technology, Hoboken, NJ. She joined EMSL in 2002. Her 20+ years of expertise in Materials Science involves complex analyses for materials identification, morphological and chemical characterization of materials, fabrication of materials functionalized by design, characterization of particle size and distribution, develop solutions to challenges in manufacturing, product comparison, contamination control, and forensic analysis.

Dr. Mirica will discuss the safety issues of Combustible Dusts and multiplicity of testing available to categorize their hazard level.

**Jim Johnston** was employed for 33 years by the Occupational Safety and Health Administration, most recently serving as the Assistant Regional Administrator in charge of enforcement programs for Region 3. With OSHA, he was responsible to provide guidance concerning OSHA standards and policies to both OSHA staff as well as the regulated community. Currently he is employed as a senior consultant for Colden Corporation. He holds a Master's degree in industrial hygiene and is a Certified Industrial Hygienist.

Mr. Johnston will be presenting on OSHA's National Emphasis Program for isocyanates. The presentation will discuss the signs and symptoms related to exposure to isocyanates; OSHA's site selection criteria for inspections under this program; inspection procedures and exposure assessments; and OSHA outreach regarding the emphasis program.

**Richard Wood** worked for Air Products and Chemicals for over 34 years as the Manager, Global Industrial Hygiene Services. He was responsible for managing industrial hygiene programs and teams for Air Products worldwide operations and provided product stewardship support to the epoxy and polyurethane additives business. Rick is now President of Wood Industrial Health Associates, LLC. His industrial hygiene consulting firm specializes in work related to the epoxy coatings and the polyurethane spray foam industries. He is a CIH, and holds a BA in Biology and Chemistry from Eastern Michigan University and a Master of Public Health degree from the University of Michigan.

The Center for the Polyurethanes Industry (CPI) sponsored studies to develop test protocol to evaluate the effect of ventilation on airborne concentrations of specific Spray Polyurethane Foam (SPF) chemical components during application. This presentation will review the spray foam insulation process, review worker exposure issues, discuss methods used to evaluate worker exposure to polyurethane vapor and particulate during spray application of commercial and residential spray foam applications, and report of MDI and pMDI during application and post application under controlled environmental conditions.



Congratulations to **Tom Case**, who has been named an AIHA Fellow. The Fellow designation was established to recognize members who have been Full members of AIHA in good standing for a minimum of 15 continuous years and have made recognized contributions to industrial hygiene or related disciplines, either through research, leadership, publications, education, or service to AIHA. Tom will receive this honor at AIHce in San Antonio in June. We congratulate him on this honor, and thank him for his continuing service to AIHA and to the Philadelphia Section.

### June 2014 Dinner Meeting/Social Event

Please keep an eye on your email for information about what we've got brewing for our June end-of-year meeting and social event. You won't want to miss out on this opportunity to tap into some interesting information, and enjoy a good meal (and perhaps some adult beverages) with your colleagues.

# AIHce2014 + STEWARDSHIP

May 31 – June 5 + San Antonio, Texas  
*Evolution & Journey to a Safer Tomorrow*

Registration is now open for AIHce 2014 in San Antonio.  
For more information, please visit [aihce2014.org](http://aihce2014.org).



**PHILADELPHIA SECTION AIHA**  
**PO Box 126 • ROYERSFORD, PA 19468**  
**[MAIL@PHILAAIHA.COM](mailto:MAIL@PHILAAIHA.COM)**