



American Industrial Hygiene Association

Lehigh Valley Section

January 2008

2007-2008 Officers

PRESIDENT

Jennifer Ellis MPH, CHMM
Hillmann Environmental
(908) 688-7800
jellis@hillmanngroup.com

PRESIDENT-ELECT

Open Position

TREASURER

Joe Gentile, CIH
Roux Associates, Inc
(610) 844-6911
jgentile@rouxnj.com

DIRECTOR

Diana Barrett, CIH, CSP, CHMM
DSM Nutritional Products
(908) 475-7553
Diana.Barrett@DSM.COM

DIRECTOR

Blake Morris, CIH, CHMM
Hillmann Environmental
(908) 721-7673
bmorris@hillmanngroup.com

DIRECTOR

Tim Docherty, CIH
Lehigh Valley Hospital
(610) 969-4481
Timothy.Docherty@lvh.com

PAST PRESIDENT

Bruce Allen
Oberthur Card Systems
610-524-2657
B.Allen@oberthurcs.com

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HAPPY NEW YEAR

Happy New Year fellow Lehigh Valley AIHA members!

I would like to thank Doug Reigle of Colorcon who generously hosted two telewebs on December 3rd and December 10th. The meetings were a great success!!!

Our Holiday Social this year was held at the Bethlehem Brew Works on December 6, 2007. Members of the Lehigh Valley AIHA networked that night along with playing a few games of pool. It should be noted that Linda Griest from DSM Nutritional Products was recognized as the star pool player of the night. It was truly a great time. Thank you to Hillmann Environmental for sponsoring the drinks!!!

Hillmann Environmental Group will be sponsoring an upcoming teleweb on Control Banding: Uses and Misuses at their new office location in Easton, PA.

The Lehigh Valley AIHA will be sponsoring their 15th Annual IH Conference on April 3rd and Professional Development Course on April 4th. Details are at the rear of the newsletter!!!

Your continued support in our local section is greatly appreciated. Hope to see you soon!

Jennifer Ellis, President



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2007-2008 PROPOSED CALENDAR

Date/Time	Topic	Location
February 12, 2008	Control Banding: Uses and Misuses	Hillmann Environmental Group Office located at 40 South 4 th Street, Easton, PA
April 3, 2008	Industrial Hygiene Conference Tentative Schedule Topics Include: <ol style="list-style-type: none">1. National AIHA President, Don Hart2. Introduction to LEED3. Recent Developments in Exposure Assessment4. ANSI/AIHA Z9.3 Spray Finishing Standard5. To Be Determined	Best Western and Gateway Conference Center – Bethlehem, PA
April 4, 2008	Professional Development Conference Tentative Schedule Topics Include: <ol style="list-style-type: none">1. Methamphetamine Laboratory Remediation2. Implementing a Reproductive Health Program	Best Western and Gateway Conference Center – Bethlehem, PA



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LV-AIHA UPCOMING MEETINGS

Title: Control Banding, Uses and Misuses
When: Tuesday, February 12, 2008
Location: Hillmann Environmental Group, 40 South 4th Street, Easton, PA
Time: 2:00—4:30 PM

Content

Control Banding describes a user-friendly qualitative assessment process that allows the user to quickly determine appropriate engineering controls required to protect workers based on readily available information on chemical hazards and potential for exposure. This process is intended for small and medium sized enterprises, but large corporations are also considering its application. This webinar will present and critique the version of Control Banding promoted by the United Kingdom Health and Safety Executive (HSE) and the International Labour Organization (ILO) and provides information on the Control Banding system used in the pharmaceutical industry.

Control Banding should be viewed as an "expert system." As such, it will be broken into its component parts – Hazard Group Prediction Model, Exposure Limit Prediction Model, Exposure Prediction Model, and predefined control strategies. Each component will be described and critiqued. Additionally, diacetyl, an artificial butter flavoring ingredient with no exposure limit, will be used as an example to illustrate how Control Banding is applied, and to demonstrate both its strengths and weaknesses. For example, varying information on the health hazards (e.g., the assigned risk-phases) and/or exposure assumptions can make significant differences in the final decision to improve or not improve controls. Specific recommendations on using and applying Control Banding will be presented to improve the effectiveness of the existing Control Banding scheme, including the need to perform verification studies.

*** This webinar is pending approval by the American Board of Industrial Hygiene (ABIH) for .5 ABIH (IH) Certification Maintenance (CM) Point.

PRICE: \$30.00 Members, \$50.00 Non-members

RSVP by February, 4, 2007 to:

jgentile@rouxinc.com

Payment should be sent to

Joseph Gentile

500 Trails End Court

Easton, PA 18040-7956



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SAVE THESE DATES

April 3rd & 4th, 2008

The Lehigh Valley Local Section of the AIHA, is proud to announce we'll be hosting our 15th Annual Industrial Hygiene Conference and Professional Development Course

Two separate, full day courses will be held April 3rd and 4th at the Best Western in Bethlehem, PA

Day 1--INDUSTRIAL HYGIENE CONFERENCE

April 3, 2008

7:30 – 8:00 AM	Registration and Breakfast
8:00—8:30	AIHA Update – (0.5 hour) Don Hart AIHA President
8:30—10:00	Introduction to Leadership in Energy and Environmental Design (1.5 hour) Christopher Hillmann Hillmann Environmental Group, LLC
10:00—10:30	Break/Vendor Session
10:30—12:30	Recent Developments in Exposure Assessment, EU REACH update & NIOSH Exposure Assessment Manual Update (2 hour) Paul Hewitt Exposure Assessment Solutions, Inc.
12:30—1:30	Lunch Break (included with cost of IH conference)/Vendor Session
1:30—2:30	Spray Finishing Standard (1 hour) Mark Rollins Thermo Fisher Scientific
2:30—3:00	Break/Vendor Session
3:00—4:30	Topic to be Determined (1.5) Brent Altemose, CIH, CSP SABRE Health and Safety



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Day 2-- LV AIHA PROFESSIONAL DEVELOPMENT
COURSE
April 4, 2008

MORNING SESSION
8 AM -- NOON

TITLE: IMPLEMENTING REPRODUCTIVE HEALTH PROGRAMS
PRESENTATION BY: DANIEL MARKIEWICZ

The course examines the growing movement in society and the legal community (both US and internationally) to provide rights to a child at the moment of conception, including nondiscriminatory protection from workplace hazards. The course focuses on strategies to reduce employer liability for alleged prenatal injuries primarily by conducting and communicating the assessment of risks. Interventions that may improve employee and public health outcomes from exposure to R/D hazards are also presented.

The 4-hr. PDC scored a 4.58/5.00 at NASA's 2005 Occupational Health Conference (Lake Tahoe).

The topic was the #1 ranked (4.93/5.00) technical presentation at the ACHMM 2005 (St. Louis), #2 ranked 8-hr. PDC (out of 69 PDCs) at the 2006 AIHce (Chicago), and the #4 ranked 8-hr. PDC (out of 72 PDCs) at the 2007 AIHce (Philadelphia).

At the conclusion of the course the participants should be able to:

- Summarize trends impacting the protection of workers and children from reproductive and developmental (R/D) exposures arising in or from the workplace.
- Explain the business imperative for managing this risk.
- Recognize and evaluate R/D hazards.
- Develop elements of a workplace R/D health program.
- Conduct and communicate risk assessments for R/D hazards.

Outline:

- 45 minutes - Trends and emerging issues · 45 minutes - Recognize/evaluate R/D hazards/risks · 45 minutes - Risk assessment guidelines · 45 minutes - R/D program · 30 minutes - Risk communication · 30 minutes - Open Q/A

Mr. Markiewicz is the president of Markiewicz & Associates Ltd., an EHS consulting business. He has more than 30 years of broad experience in the EHS field including working for the government (i.e. public health), business (e.g. chemical and diversified manufacturing), academia, and consulting. A major focus of Dan's research, interests and consulting is helping employers implement best management practices to address new and emerging health hazards. Dan authored the "occupational safety" chapter in AIHA's premier text, The Occupational Environment: Its Evaluation, Control, and Management (published 1997 and 2003). He has also written more than 140 monthly columns on "Best Practices" for Industrial Safety & Hygiene News magazine. Dan's views on EHS hazards and risks have appeared in major media publications including the USA Today, Chicago Tribune and Toledo Blade. Dan has a B.S. in Environmental Health from Ferris State College ('77) and an M.S. in Occupational Health from the Medical College of Ohio ('92). He holds the CIH, CSP, and CHMM credentials.



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LUNCH IS INCLUDED IN THE FEE
NOON—1 PM

AFTERNOON SESSION
1 PM—5 PM

METHAMPHETAMINE LABORATORY HAZARD RECOGNITION AND CONTROL PRESENTATION BY COREY BRIGGS

The health risks from toxic exposure to clandestine methamphetamine or “meth” laboratories are a danger that extends far beyond the user and the “cook” who manufactures the meth, according to the American Industrial Hygiene Association (AIHA). Industrial hygienists are the occupational and environmental health and safety (OEHS) experts who test meth lab sites for contamination and recommend cleanup procedures.

The mock meth lab at this year’s PDC will be set up as a small room with a realistic display of the equipment and some of the ingredients (nonharmful ingredients only) used in these labs to demonstrate the health and safety issues faced by first responders, law enforcement personnel, and OEHS professionals who deal with illegal drug labs and meth-contaminated properties.

AIHA believes strongly that the public should be informed of the dangers posed when occupying or visiting dwellings that previously contained meth labs. Many other occupations are potentially at risk, including real estate agents, landlords, property managers, prospective renters and home buyers, garbage collectors, utility workers, plumbers, and social service agents. Children living in the vicinity of a meth lab can be put at risk; in fact, thousands of clandestine laboratory seizures each year involve children. Visitors or neighbors can be harmed by the poisonous vapors that vent from meth labs or from the toxic “cooking” debris that is sometimes buried outside or flushed into a septic system.

Household production of the drug creates chemical dust and vapors that can seep into adjacent spaces, including homes, apartments, and hotel rooms. Walls, toys, furniture, plumbing fixtures, septic systems, and surrounding soil can be contaminated and may require professional decontamination. Here are additional facts about illegal meth labs that people should know:

- The drug can be made almost anywhere using common household chemicals, over-the-counter drugs, mason jars, coffee filters, hot plates, pressure cookers, pillowcases, plastic tubing, and gas canisters to substitute for sophisticated lab equipment.
- For every pound of meth produced, about six pounds of dangerous waste products are generated. Meth lab operators pour chemicals down household drains and dump waste in yards, fields, wooded areas, streams, or along rural roads.
- Families who unknowingly move into dwellings that previously contained meth labs that were not properly cleaned up are at risk for health effects, such as headache, throat irritation, and respiratory difficulties. Children are particularly susceptible.



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- Firearms, explosions, and fires in illegal labs are not uncommon, and first responders can be exposed to dangerous chemicals. Contaminated individuals seeking treatment in hospital emergency rooms can also contaminate health care workers.

Mr. Briggs has more than 22 years of experience in the fields of industrial hygiene and occupational safety, with particular expertise in designing and conducting workplace exposure assessments, developing and presenting personnel training and education programs, hazardous materials emergency response planning, developing written EHS program plan elements, and conducting OHS compliance audits and inspections. Mr. Briggs has a B.S. in Zoology from the University of Rhode Island and a MSPH. in Environmental health Sciences/Industrial Hygiene from the University of South Carolina. He holds the CIH and CET credentials.



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Registration Form

**15th Annual Industrial Hygiene Conference
&
Professional Development Course**

Please return this registration form, along with a check made payable to LV-AIHA before March 19, 2007

Name _____
 Employer Name _____
 Address _____

 Phone _____
 Email Address _____

PLEASE REGISTER ME TO ATTEND THE FOLLOWING (CHECK THE BOX)

CHECK APPROPRIATE BOX	Event	Member Rate (for members of the LV-AIHA)	Non Member Rate
<input type="checkbox"/>	Industrial Hygiene Conference on April 3, 2008	\$125.00	\$150.00
<input type="checkbox"/>	Professional Development Course on April 4, 2008	\$175.00	\$200.00
<input type="checkbox"/>	Attend Both Days and Save	\$275.00	\$375.00
<input type="checkbox"/>	I am already a member of the LV-AIHA and am enclosing an extra \$20.00 to cover my 2008 membership dues	\$20.00	
TOTAL AMOUNT ENCLOSED			\$ _____

Checks should be made payable to "LV-AIHA". Mail completed form, along with payment to:

Joseph Gentile
 500 Trails End Court
 Easton, PA 18040-7956

PLEASE NOTE: Registrations are non-refundable; however, if for any reason you are unable to attend you may send an alternate in your place.