

# Health Hazards in Construction

## 1 Who Should Attend . . .

This workshop is a must for anyone concerned about health and safety on the job including:

- ▶ Managers concerned about liability and workers' compensation costs.
- ▶ Employees who want to learn proper techniques for protecting their safety and health at work.
- ▶ Business owners who want to learn about compliance with Michigan Occupational Safety and Health Administration (MIOSHA).

## 2 MIOSHA Training Institute

MIOSHA Consultation Education and Training (CET) Division and Macomb Community College (MCC) have developed the MIOSHA Training Institute (MTI) through a formal alliance. The MTI introduced an Assessment-Based Certificate program, effective October 1, 2007. The certificate program offers participants an opportunity to be recognized for their educational efforts and increased technical expertise. Courses are offered throughout the state in sponsorship with other M-TEC<sup>SM</sup> facilities, community colleges, and safety and health organizations. To learn more about the certificate program, log-on to the CET Division website at [www.michigan.gov/mti](http://www.michigan.gov/mti).

## 3 What You'll Learn . . .

This course will help educate and make the construction manager/worker aware of some typical occupational health hazards and potential health effects that are associated with the construction trade industry. This workshop is designed to give the student an overview of the basics of industrial hygiene, as well as health issues that may be encountered in the construction industry. Topics covered include lead, silica, cadmium, isocyanates, hexavalent chromium, and asbestos. Students will be able to recognize potential problems with exposures and how to protect themselves with the use of engineering controls and personal protective equipment.

### Agenda

*We offer a flexible program agenda to emphasize the construction topics you want most.*

- ▶ Industrial Hygiene Principles
- ▶ Asbestos
- ▶ Lead
- ▶ Cadmium
- ▶ Silica
- ▶ Isocyanates
- ▶ Carbon Monoxide
- ▶ Chromium VI
- ▶ Noise



All meetings are accessible and barrier free. Please contact the cosponsor or the CET Division, at least 30 days in advance, to request necessary accommodations.

***This course has been approved for both residential builders pre-licensure and continuing safety training requirements.***

**New**

## ***MIOSHA Education Training Materials Going Electronic***

MIOSHA Training Institute (MTI) has changed the delivery of its printed education materials to an electronic format.

Before a seminar or workshop, registered attendees for this class will receive an e-mail with a link and instructions for accessing electronic presentation slides. The handout can be printed in advance or downloaded onto a laptop, tablet or smartphone to view during the seminar or workshop. A flash drive will be provided at the class which will include additional handouts and reference materials.

**Important:** When registering for this class, please provide your complete email address.

***Remember to download your course handout ahead of time!***

### ***Frequently Asked Questions***

**Q: How will I receive my materials?**

**A:** First, you will receive an e-mail from this cosponsor, which will include instructions and a link to our website. Download the handout to your computer or other device before traveling to the class. Additional materials will be provided to you in class on a flash drive.

**Q: Which e-mail address will materials be sent to?**

**A:** Your link will be sent to your e-mail address. Make sure that you provide us with your valid e-mail address (where you want the handout link to be sent).

**Q: Will I be able to print my materials at the seminar or workshop?**

**A:** Print or download the presentation slides before you arrive for the class. No printing services will be available.

**Q: What electronic format will the handouts be in?**

**A:** All materials will be available as PDF documents.

**Q: Will I be able to charge my device at the seminar or workshop?**

**A:** We recommend that your device is fully charged before you arrive. Charging stations may not be available in the classroom.

**Q: What happens if I do not receive an email?**

**A:** In the unlikely event that you do not receive the link via email, please call the Contact Number listed on the next page for assistance.



# Facilitator

Jenelle Thelen is an Industrial Hygienist with MIOSHA Consultation Education and Training serving the S.E. Michigan region. She rejoined MIOSHA in June, 2012 adding to her previous service with MIOSHA CET from 2000-2005.

Jenelle has over 25 years of experience in industrial hygiene, occupational safety and environmental regulatory compliance. Her work experience includes: laboratory and regulatory compliance within industrial manufacturing; Training Manager and Associate Director of Safety for the University of Kansas Medical Center; Nursing Home Consultant/Trainer for the Lansing Area Safety Council; and, Safety & Health Coordinator for the Michigan Department of Community Health.

Jenelle has a Master of Science in Industrial Hygiene from the University of Central Missouri and a Bachelor of Science in Secondary Education – Science.



**Jenelle Thelen**  
*Senior Industrial Hygienist,  
MIOSHA, CET Division*

## Program Details

**DATE:** November 17, 2016  
**LOCATION:** Construction Association of Michigan Tri-Cities  
King Communications  
334 S. Water Street  
Saginaw, Michigan 48607  
**COST:** \$90 per person.  
Includes course materials.  
Certification/Maintenance Points Available

**TIME:** Check-in - 8:30 a.m.  
Program - 9:00 a.m. to 12:30 p.m.  
**DEADLINE:** Register by November 10, 2016  
Please register early!  
**CONTACT:** For more information:  
Heather Carrier - (989) 754-4872 or  
carrier@cam-online.com  
**Inclement Weather Line:** 248-972-1000

**COSPONSOR:** *Construction Association of Michigan (CAM)*

## How to Register

### Health Hazards in Construction

#### Five Easy Ways to Register . . . (Credit Card Registration)

- ▶ **Phone:** (248) 972-1133
- ▶ **Online:** [www.cam-online.com](http://www.cam-online.com)
  - Click:** Safety and Education
  - Click:** CAMTEC Classes
  - Select:** Health Hazards in Construction

#### (Check or Money Order Registration)

- ▶ **Fax:** (248) 972-1135
- ▶ **Email:** [sawinski@cam-online.com](mailto:sawinski@cam-online.com)
- ▶ **Mail:** CAMTEC  
Attn: Diane Sawinski  
43636 Woodward Ave.  
Bloomfield Hills, MI 48302

#### Complete Separate Registration Form For Each Attendee

Name: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Business Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email Address: \_\_\_\_\_

*(Required for Registration)*

Please enclose check or money order made payable to CAMTEC.

**The meeting site and parking is accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call 517 248-7720 at least 30 days before the program. The Department of Licensing and Regulatory Affairs is an equal opportunity employer/program.**