

# Health Hazards in Construction

## 1 Who Should Attend . . .

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

- ▶ Managers concerned about 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. **Virtual classroom with an in-person instructor. This training format can be taken from the office, home, or remotely.**

### 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.***

# Facilitator

Audrey Carlstrom joined MIOSHA's Consultation Education and Training (CET) Division in April 2019. She serves as an Industrial Hygienist in the Training and Consultation Program for the Western Counties in Lower Michigan.

Prior to joining MIOSHA's CET Division, Audrey worked as a Wastewater Laboratory Technician. As a lab tech, Audrey performed analysis on water samples throughout the treatment process to ensure compliance with the required National Pollutant Discharge Elimination System (NPDES) Permit. Additionally, Audrey served over eight years as a Bioenvironmental Engineering Technician in the Air Force, both in Active Duty and in the Michigan Air National Guard. Her duties and responsibilities primarily included occupational health surveys for over 24,000 personnel in industrial work centers. Audrey also performed environmental sampling and monitoring and was a member of the base HAZMAT emergency response team.

Audrey has a Bachelor of Science degree in Ecology and Evolutionary Biology from the University of Michigan.



**Audrey Carlstrom**  
*Industrial Hygienist,  
MIOSHA, CET Division*

## Program Details

DATE: March 11, 2021

LOCATION: **Virtual**

This training format can be taken from the office, home, or remotely.

COST: \$94 Per Person.

Includes course materials.

Certification/Maintenance Points Available

TIME: Check-in - 8:30 a.m.

Program - 9:00 a.m. to 12:00 p.m.

DEADLINE: Register by March 5, 2021

Please register early!

CONTACT: Amy Wolffis - 616-842-4910 or

awolffis@grandhavenchamber.org

***Inclement Weather Line: 616-331-2020***

***COSPONSOR: The Chamber of Commerce Grand Haven***

## How to Register

### Health Hazards in Construction

#### Three Easy Ways to Register:

▶ **Phone:** 616-842-4910

▶ **Email:** awolffis@grandhavenchamber.org

▶ **Mail:** Grand Haven  
Chamber of Commerce  
1 South Harbor Drive  
Grand Haven, Michigan 49417  
Attn: Amy Wolffis

*Please Enclose Check or Money Order Made Payable to:  
Grand Haven Chamber of Commerce*

#### Complete Separate Registration Form For Each Attendee

Name: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_ (Needed for Registration)

Credit Card # \_\_\_\_\_ Verification Code: \_\_\_\_\_

MasterCard  VISA  Am. Express  Exp. Date: \_\_\_\_\_

Print Credit Card Holder's Name: \_\_\_\_\_

Signature: \_\_\_\_\_

**People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call 517-284-7720 at least 30 days before the program. The Department of Labor and Economic Opportunity (LEO) is an equal opportunity employer/program.**

[www.michigan.gov/leo](http://www.michigan.gov/leo)