

# Understanding Industrial Laser Safety

## 1 Who Should Attend . . .

This program 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 class is designed to provide Michigan employers with a basic understanding of the requirements they will need to meet in order to protect their employees and eliminate laser safety and health hazards. This class will review the safety and health hazards commonly associated with industrial laser applications and usage, classifications, nominal hazard zones, laser officer responsibilities, training and guarding, MIOSHA compliance requirements, and other applicable consensus standards.

### Participants will:

- ▶ Identify basic operation and major uses of lasers
- ▶ Identify laser classifications and associated hazards
- ▶ Review application of MIOSHA and voluntary standards
- ▶ Describe the responsibilities of the Laser Safety Officer (LSO)
- ▶ Discuss laser safety training specifics

**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 517-284-7720 at least 30 days before the program. The Department of Licensing and Regulatory Affairs is an equal opportunity employer/program.**

**New**

## ***MIOSHA Education Training Materials Have Gone Electronic***

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

The student training manual and course reference materials will be provided in electronic format via email for students to download and print before class if they wish.

**No hard copy textbook will be provided at the class. Upon arrival at class, each student will also receive a flash drive containing these materials which is theirs to keep.** If you wish to bring a copy to class, you have the option to **download and/or print** the course materials in advance.

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

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

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

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

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

**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

Kristin Osterkamp was appointed to MIOSHA's Consultation Education and Training (CET) Division in September 2006. She currently provides industrial hygiene related services to Oakland, Macomb and St Clair counties in SE Michigan.

Prior to joining MIOSHA's CET Division, she worked for Delphi as a Division Industrial Hygienist, with global responsibilities for 25 sites and as a Site Safety Supervisor for Delphi's Engineering Center in Troy, MI. While employed at Delphi she had the opportunity to provide technical industrial hygiene assistance, develop training programs, conduct audits, and develop written programs for sites located in the United States, Mexico, Europe, and Brazil.

Kristin is a CIH, CSP, and has a Masters in Public Health (MPH) degree from the University of Michigan and a B.S. degree in Chemistry from Elmhurst College in Illinois.

Presenters: Kristin Osterkamp, Senior Industrial Hygienist; Valerie Chunko and Brian Kellogg, Senior Occupational Safety Consultants; MIOSHA CET Division



**Kristin Osterkamp**  
Senior Industrial Hygienist,  
MIOSHA, CET Division

## Program Details

DATE: April 2, 2019

LOCATION: Howell Chamber of Commerce  
123 E. Washington Street  
Howell, Michigan 48843

COST: \$120 per person.  
Includes warm lunch and course materials.  
Certification/Maintenance Points Available

TIME: Check-in - 8:30 a.m.  
Program - 9:00 a.m. to 4:00 p.m.

DEADLINE: Register by March 26, 2019  
Please register early!

CONTACT: Angela Johnson - 517-546-3920 or  
chamber@howell.org

***Incident Weather Line: 517-623-2756***

***COSPONSOR: Howell Chamber of Commerce Foundation***

## How to Register

### Four Easy Ways to Register . . .

- ▶ **Phone:** 517-546-3920
- ▶ **Fax:** 517-546-4115
- ▶ **Email:** chamber@howell.org
- ▶ **Mail:** Howell Chamber of  
Commerce Foundation  
123 E. Washington St.  
Howell, MI 48843-2356  
Attn: Angela Johnson

**Complete Separate Registration Form  
For Each Attendee**

## Understanding Industrial Laser Safety

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_ *(Required for Registration)*  
Credit Card Type: Discover  MasterCard  Visa   
Credit Card # \_\_\_\_\_  
Credit Card Verification Code: \_\_\_\_\_ Exp. Date: \_\_\_\_\_  
Print Credit Card Holder's Name: \_\_\_\_\_  
Signature: \_\_\_\_\_

***Please enclose check or money order made payable to: Howell Chamber of Commerce Foundation***

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.