

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 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-TECSM 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.

3 What You'll Learn . . .

Currently no MIOSHA standards exist regulating industrial laser use besides the duty of employers to protect their employees from the possibility of injury or illness. 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:

- ▶ Discuss the basic operation of and major uses of lasers.
- ▶ Identify the major laser hazard classifications.
- ▶ Identify laser related hazards.
- ▶ Review applicable MIOSHA standards (General Duty, Machine Guarding, OSHA Pub 8-1.7) and voluntary compliance (e.g. ANSI Z136.1 standard).
- ▶ Discuss laser beam injuries and related accidents.
- ▶ Describe the responsibilities of a laser safety officer (LSO).
- ▶ Discuss the process of conducting a hazard analysis (e.g. identifying a nominal hazard zone (NHZ)).
- ▶ Discuss laser training specifics (LSO, maintenance, operator level).
- ▶ Identify laser related resources and references (e.g. SOP example and sample program).

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.

Facilitator

Valerie Chunko joined MIOSHA in 2000 as a Safety Officer in the General Industry Safety and Health Division. Duties and responsibilities included inspecting a variety of workplaces to evaluate their compliance with state occupational safety rules, investigating employee complaints, industrial accidents, and workplace fatalities.

Prior to joining MIOSHA, Valerie held multiple positions including: Quality, Safety, and Security Officer for a prime defense contractor conducting inspections, training, and developing programs; advisor for a consulting firm in the Detroit area where her duties included providing safety oversight for construction activities; and safety coordinator for a utility company coordinating programs, training, and personal protective equipment purchases.

Valerie has an Associate's degree in Quality Assurance from St. Clair County Community College and an Instructor Certification from Macomb Community College. Valerie joined the Consultation Education and Training Division in 2008, and provides consultation and training services for workplaces in Genesee, Huron, Lapeer, Sanilac, St. Clair, and Tuscola counties, and the northern portion of Oakland County.

Presenters: Valerie Chunko, Senior Occupational Safety Consultant; and Kristin Osterkamp, Senior Industrial Hygienist; MIOSHA-CET Division



Valerie Chunko
Senior Occupational Safety Consultant
MIOSHA, CET Division

Program Details

DATE: August 3, 2016
LOCATION: Macomb Community College, East Campus
Emergency Services Training Center
21901 Dunham Road
Clinton Township, MI 48036
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 July 27, 2016
Please register early!
CONTACT: Yvonne Morosky-Grant - 586-498-4106
granty@macomb.edu

COSPONSOR: **Macomb Community College**

How to Register

Four Easy Ways to Register:

- ▶ **Phone:** 586-498-4055
- ▶ **Fax:** 586-498-4058
- ▶ **Email:** hst@macomb.edu
- ▶ **Mail:** Macomb Community College
Health and Safety Training
Attn: Madeleine White
21901 Dunham Road
Clinton Township, MI 48036

Course Code: MSHA 8037

**Please Make Check or Money Order
Payable to Macomb Community College**

Industrial Laser Safety

Name: _____
Company Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____
Email: _____ (Needed for Registration)
Number Attending: _____ @ \$ 120 = \$ _____
Credit Card #: _____ Exp. Date: _____
Discover MC Visa Credit Card Zip Code: _____
Credit Card Holder's Name: _____
Signature: _____

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.