

**Electricity:
 The Invisible Killer**

**Part 2 -
 Masonry Wall Bracing**

1 Who Should Attend . . .

These workshops are 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 . . .

Electricity: The Invisible Killer Workshop 9:30 a.m. - 12:00 p.m. \$90

Electrocutions continue to be one of the leading causes of fatalities in construction. This program will explain and illustrate the primary electrical hazards in and around construction. There will be special emphasis on the importance of recognizing and eliminating hazards in order to avoid shock and/or electrocution in the work place. Also covered in the program will be MIOSHA standards that apply to electrical hazards; what constitutes a fatal amount of current and when overhead lines need to be de-energized.

Agenda

- ▶ Explain the primary electrical hazards in construction.
- ▶ Review the MIOSHA standards that apply to electrical safety in construction.
- ▶ Explain ways to avoid electrical hazards in construction.

Part 2 - Masonry Wall Bracing Workshop 12:30 p.m. - 3:30 p.m. \$90

This course will review the MIOSHA regulations found in Part 2 - Masonry Wall Bracing and is designed to teach the training requirements for working in the restricted zones, identification of the proper external bracing, minimum standards for bracing and securing unsupported masonry walls until final stability is achieved, and requirements for a competent person. This course will satisfy the training requirements under Part 2 - Masonry Wall Bracing R408.40205(3) for employees working in the restricted zone.

Agenda

- ▶ Identify definitions, employer responsibilities and training requirements.
- ▶ Illustrate restricted zones and examples of signage requirements.
- ▶ Analyze wind speed and what constitutes a competent person.
- ▶ Describe initial and intermediate period requirements.
- ▶ Describe wall bracing design, illustrate a triangle wall bracing system; assess bracing through inspection.

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.

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 this 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

Steve Tighe was appointed to the MIOSHA Consultation Education & Training (CET) Division in 2012 and provides construction safety services for the counties of Michigan's Upper Peninsula. Steve has 11 years' experience managing a surveying/engineering company and two years' experience as a project manager for general contractors in heavy civil site development and the construction of airports/correctional facilities across the country. Steve has a unique understanding of safety both in the prevention and treatment of worksite accidents as he has been a licensed paramedic in Michigan for over 19 years.

Steve graduated with a Bachelor of Science Degree in Construction Management from Eastern Michigan University in 2010. He has the knowledge and ability to relate to management and workers on the challenges of safety within the construction industry while developing productivity and motivation. Steve will provide training and consultation to assist companies in developing positive and proactive safety programs.



Steve Tighe
Construction Safety Consultant
MIOSHA, CET Division

Program Details

Sign up for one or both workshops

DATE: January 10, 2017
LOCATION: Ramada Marquette
412 W. Washington Street
Marquette, Michigan 49855
COST: \$90 per person, per class.
Includes course materials.
CONTACT: Sarah Schultz – 906- 228-2312 or
info@upbuilders.org

Session 1 Electricity: The Invisible Killer	Check-in - 9:00 a.m. Program - 9:30 a.m. - 12:00 p.m.
Session 2 Part 2 - Masonry Wall Bracing	Check-in - 12:00 p.m. Program - 12:30 p.m. - 3:30 p.m.
DEADLINE: Register by January 3, 2017 Lunch is provided for participants attending both sessions	

Certification/Maintenance Points Available

COSPONSOR: *Home Builders Association of the Upper Peninsula*

How to Register

Session 1 – Electricity: The Invisible Killer
Session 2 – Part 2 - Masonry Wall Bracing

Three Easy Ways to Register:

- ▶ **Phone:** 906-228-2312
- ▶ **E-Mail:** info@upbuilders.org
- ▶ **Mail:** Home Builders Association
of the Upper Peninsula
307 South Front Street
Suite 102
Marquette, MI 49855
Attn: Sarah Schultz

Please Make Check or
Money Order Payable to:

**Home Builders Association
of the Upper Peninsula**

Complete Separate Registration Form For Each Attendee

Name: _____
Company Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Email: _____
Electricity - The Invisible Killer - \$90 Masonry Wall Bracing - \$90
Master Card Visa Card Holder Name: _____
Credit Card # _____
Verification Code: _____ Exp. Date: _____
Signature: _____

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.