

Arc Flash



2015 Class Schedule :

Please contact GLSTC for scheduling

Class Time:

3 hours

Where:

Great Lakes Safety Training Center
1900 Ridgewood Drive, Midland, MI

Contact Information:

989.837.2332, www.glstc.org;
enrollment@glstc.org

Pricing:

Member - \$75
Non-Member - \$85

*The above prices are for classes held at GLSTC.
If you'd like a class conducted at your facility,
please contact us for a quote.*

*Class dates and prices are subject to change.
Please contact GLSTC to verify class availability.*

What is Arc Flash?

An arc flash is the flow of current traveling through the air. It causes the release of potentially large amounts of energy into the air resulting in an explosion up to 35,000 degrees in an instant.

Due to the hazards that can be present in an arc flash, a worker can suffer first, second, and/or third degree burns beginning at the upper portion of the body and not only on the front but also on the back, internal damage to vital organs from high amounts of voltage traveling through the body, blunt force trauma from the blast, shrapnel causing additional damage to the skin, vision damage both directly after the incident and also as time passes, health effects from breathing toxic fumes, and hearing loss.

OSHA/MIOSHA requires that all employees be trained on such hazards prior to being exposed to them. This training must include how to recognize the hazard, what measures to take to work safely, what personal protective equipment to use and how to utilize it properly.

What will you learn in this training?

- Understand what Arc Flash/Arc Blast is and how dangerous it is
- Review the revisions to the NFPA 70E
- Recognize Electrically Safe Work Conditions
- Energized Electrical Work Permit
- Flash Protection Boundary and Limits of Approach
- NFPA 70E Boundaries and Spaces
- Flash Protection Calculations
- Choosing Correct PPE
- Reducing the Arc Flash Hazard

Certificate

GLSTC will provide Training Certification.