

JOIN OUR Arc Flash Training Course

Aztec Cambridge

February 20, 2025
9 AM to 3 PM
Coffee/lunch provided

\$475.00
Cost to attend

Registration **open until spot full.**
Sales will contact you for payment.

Aztec Mississauga

February 27, 2025
9 AM to 3 PM
Coffee/lunch provided

\$475.00
Cost to attend

*Upon completion, participants will earn
1 CEU (Continuing Education Unit)
for 10 hours of training.*



**SCAN TO
REGISTER**



What you can expect

Industry leading. Comprehensive. Practical.



Safety topics covered

- Hierarchy of risk controls
- Existing standards and applicable law
- Arc Flash and electrical safety overview
- Identification of Electrical Hazards
- Risk Assessment and Risk Mitigation
- Shock Protection Boundaries and Incident Energy Calculations for AC and DC
- Safety Related Work Practices for AC & DC
- Worker training requirements, and practical approaches to defining authorized workers
- The role equipment condition plays in safety
- New mitigation techniques to reduce the Arc Flash Hazard
- Arc Flash Boundary
- Understanding the role Personal Protective Equipment (PPE) plays in electrical safety
- How to determine and select appropriate PPE
- Arc Rated Protective Equipment (PPE)
- Proper use and Care of your PPE
- Eliminating or Controlling Hazardous Energy
- Eliminating or Reducing Worker Exposure to Hazards
- Safety Practices and Procedures for Work on and around Electrical Equipment
- Optional evaluation quiz & certificate – Please request before course through instructor



Upon completion, attendees will know:

- How to implement the hierarchy of risk control methods into the risk assessment procedure
- CSA Z462 best practices for shock and arc flash hazards
- Safety training requirements from CSA Z462 for qualified electrical workers
- CSA Z462 shock protection boundaries and be able to describe their use
- How to choose, use and take care of PPE for shock protection
- Steps to perform a shock hazard analysis
- The arc flash hazard and the injuries that can result
- Identify when an arc flash hazard exists
- How to identify the difference between Hazard and Risk
- Understand basic principles of a Coordination & Arc Flash Study
- Incident energy and list the three main variables which affect it
- Shock approach boundaries and what they mean for your worker
- How to select, use and take care of PPE for arc flash hazards
- Review of the "Arc Flash PPE Category Method" to select arc flash PPE
- Steps to perform an arc flash hazard analysis
- How to prepare to work safely
- Eliminating or Controlling Hazardous Energy
- Eliminating or Reducing Worker Exposure to Hazards
- How to Establish an Electrically Safe Work condition
- Determine a qualified electrical worker
- Determine a competent electrical worker