



*Audits, Inspections and Training Since 1996*

**Gambit Industrial Health and Safety Consultants Inc.**

---

## **Workplace Electrical Safety – Arc Flash**

Dangers such as shock, electrocution, and arc flash will always be present on the job, but proper training and safety strategies can minimize the likelihood of injuries and fatalities. NFPA 70E – Electrical Safety in the Workplace and CSA Z462 – Workplace Electrical Safety Standard (Pending) – is the basis for providing participants with an understanding of the hazards involved while working on energized electrical components and equipment. This training is entry level and is intended for personnel with limited knowledge of the subject.

### Participants will:

- Common terms and their definition used in electrical safety in the workplace
- Basic review of Lockout concepts
- Understanding of the hazards while working on electrical equipment
- Methods of Arc Flash Hazard Assessment and Shock Hazard Assessment
- Types of electrical injuries and prevention strategies
- Awareness of limits of approach for electric shock
- Understanding of arc flash and arc flash boundaries
- Understanding of appropriate personal protective equipment and other safety equipment (demonstration)

Method of Instruction: Interactive presentation, lecture and practical component.

Who Should Attend: Electricians, Maintenance Personnel, Managers, Supervisors, Joint Health and Safety Committee Members, Engineers

Course Length: 6 hours

- Course materials and certificates provided



***“Your First Move towards a Better Health and Safety Program”***

**Client Service Centre: 355 Elmira Road North Unit 110, Guelph, Ontario N1K 1S5**

◆ 519.763.7369 Guelph ◆ 519.603.3338 Cambridge and Area ◆ 647.427.1334 Toronto and Area

◆ 519.763-7301 Fax

[www.gambitsafety.com](http://www.gambitsafety.com)

5