



Electrical Awareness & Safety

Course Code:

Introduction

This one day program combines in-depth exploration of the workplace electrical safety standard, CSA Z462-21 with practical examples on how to recognize, assess and mitigate hazards for anyone working on or near PV electrical equipment. It is designed to meet the needs of all workers in the electrical field with a great emphasis put on developing safe work habits and an effective safety culture.

Objective

Our mission is to promote open discussion and analysis of the events ensuring maximum buy in from every student along with conformance to company safe work practices and procedures contributing to a safer workplace by eliminating high risk behaviors and reducing downtime.

Deliverables

Each student will receive our custom designed Electrical Safety Manual and a copy of our presentation materials.

Who Should Attend:

- Managers
- Supervisors/Managers
- Health, Safety and Environmental Representatives
- Engineers
- Electricians
- Technicians
- Operators

Course Modules:

- Introduction
- Safety Regulations
- Electrical Hazards
- Recognizing Hazards
- Hazard Risk Assessment
- Electrical Hazard Mitigation
- Safe Work Practices

Day Two (Optional)

Our optional day two covers hazards associated with high voltage systems and can be completed either on-site or remotely.

The course covers specific topics on:

- Set and Touch Potential
- Ground Potential Rise
- Inductive, Capacitive and Static Charges
- Lock Out and Tagging
- Potential Testing And Protective Grounding

Quotations

Day 1 can be conducted on-line or on-site, it is prerequisite for day 2 which is provided on-site only

Quotations are available on request. We can be customize the program to suit your specific needs by incorporating your single line diagram, arc flash hazard study and existing your related safety procedures. We will be happy to conduct a needs analysis with you to determine your specific requirements.

