

**Course ID:**  
**EAW-Z462Q**

## **ELECTRICAL SAFETY AWARENESS FOR QUALIFIED WORKERS**

### **COURSE OVERVIEW**

This course was developed for substation, commercial, and industrial electricians. The content meets the requirements of CSA Z462 and is designed using a variety of instruction methods to provide learners with information in four key categories: electrical awareness, arc-flash, PPE, and safe work procedures for on or near energized electrical equipment.

### **PROGRAM CONTENT**

Electrical Awareness:

- Electrical faults
- Electrical hazards
- Introduction to CSA Z462 (Workplace Electrical Safety)
- Best practices for common work duties

Arc-flash:

- Arc-flash hazards
- Determining arc-flash risk levels
- Arc-flash labels installed on electrical distribution

Personal Protective Equipment:

- Clothing
- Care of equipment
- Insulating blankets and tools
- Temporary protective grounding

Safe Work Procedures:

- CSA Z462 Workplace electrical safety
- Risk Assessment
- Safe work practices

### **TARGET AUDIENCE**

Substation electricians, commercial and industrial electricians.

### **PREREQUISITES**

None

### **TRAINING TIME (hours):**

12 hours (1.5 days)

### **RECERTIFICATION**

36 months