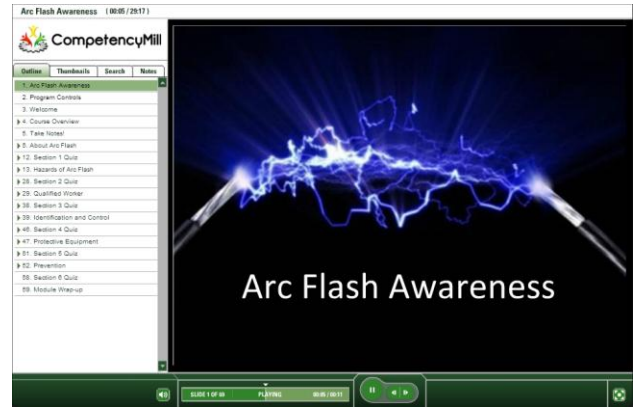


## About this Training Program

Usually when we hear about burns from electrical accidents, we think that the burns are from the electricity moving through the victim's body. In fact, most burn and tissue damage that is caused during electrical incidents is a result of the arc flash that is created. This course will provide an overview of the hazards association with Arc Flash events, and provide you with an understanding of how to protect yourself from electrical dangers.

This awareness module is compliant to the CSA Z462-08 Workplace Electrical Safety Standard. The average student will require approximately 45 minutes to complete both the course and quiz.



## Course Overview

### About Arc Flash

- Introduction to Arc Flash
- Definitions & Descriptions
- Causes of Arc Flash
- Regulations

### Hazards of Arc Flash

- Factors Affecting the Severity of Arc Flash Events
- Primary Hazards
- Secondary Hazards

### Qualified Worker

- Defining and explaining what a qualified worker is
- Explaining the limits of approach and electrical shock boundaries
- Reviewing the potential reach and boundaries for arc flash events

### Identification & Control

- Arc Flash Hazard Analysis
- Risk Categories
- Permits
- Labelling

### Protective Equipment

- Classification of PPE
- Proper Tool Selection
- Equipment Selection Guidelines

### Prevention

- Safe Work Permits
- Equipment Design
- Maintenance Programs
- Drawing Design and Maintenance

### Mastery Quiz (90% to Pass)

## Verification Techniques Employed

- ✓ **Identity:** Unique usernames and passwords.
- ✓ **Security:** Bank-level encryption.
- ✓ **Question Bank:** Every quiz attempt includes a unique combination of questions pulled from a large pool.
- ✓ **Certificate Verification:** Certificates contain a verification code that can be checked on CompetencyMill.ca.