

High-Impact Safety Training for Qualified Electrical Workers NFPA 70E & CSA Z462

The shocking truth about electrical safety practises.



For most companies the struggle to remain competitive in today's economic environment is the number one priority. What many companies fail to recognize, however, is the critical role safety plays in overall organizational competitiveness. Safety is one area you cannot afford to overlook. Injury prevention can have a positive impact on your bottom line.

The need for an effective electrical safety program is a given, and is mandated through legislation. These regulatory and legal requirements must form a major part of your corporate safety policy. In addition the ever-present economic issues make proper electrical safety in workplaces a vital element of your corporate safety structure and culture to keep your employees safe.

The overall objectives of this program are quite simple. We would like to transfer our knowledge of electrical hazards and injury prevention to you. By walking your people through the content of your Occupational Health and Safety regulations, the applicable standards, and the process of evaluating risk associated with electricity, you get to take advantage of our past experience and our exposure to many of the circumstances that may be present in your workplace. This transfer of knowledge will streamline your decision making process, allow your company to understand its obligations, and help further develop your safety management system.

Who Should Attend:

Qualified electrical workers, technicians, designers, site engineers, maintenance supervisors and managers.

Workshop Content:

- NFPA 70E & CSA Z462
- Introduction and Overview
- Incident/accident causation
- Electrical hazards and injuries
- Contact with live parts
- Arc-flash burns
- Applicable legislation
- Arc-flash hazard control
- Failures due to inappropriate fusing
- Electrical work wear
- Hazard/risk categories
- Important electrical safety definitions
- Protective boundaries
- Applying the hazard/risk category tables
- Arc-flash reduction
- Incident energy calculations
- Responsibilities and qualified personnel

Workshop Outcomes:

Upon successful completion of this training workshop attendees will be able to:

- Understand the effects of contact with live electrical parts
- Understand electrical injury/accident causation
- Make decisions with regard to electrical worker qualifications and live electrical work
- Understand electrical short circuit protection properties
- Understand the performance limitations of personal protective equipment
- Understand electrical variables which contribute to incident energy values
- Understand their legislative responsibilities

Prerequisite: None

Duration: 1 Day

Date: June 2nd, 2010

Location: Loyalist Training Centre, Belleville, ON

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High-Impact Safety Training...

Course Facilitator:

Thomas Doyle is a delivery partner with STACS Inc. and President of Industrial Safety Integration. The inventor of CIRSMA™ (Corporate Industrial Risk and Safety Management Application) Software, he is also a Machine Safety Consultant, Risk Assessment Specialist and a Training Provider with expertise in: OH&S Legislation, Machine Guarding, Engineered Hazard Controls, Machine Lockout/Tagout, Electrical Safety in the Workplace (NFPA 70E and CSA Z462).

He is a member of Canadian Standards Association (CSA), The American National Standards Institute Machine Tools (AMT), The American National Standards Institute Plastics Machinery (SPI), The International Organization for Standardization Machinery (ISO) and the Conestoga College Institute of Technology and Advanced Learning.

He spent seven years as a Machinery Electrical Control System Design Specialist and has held a Certificate of Qualification as a Certified Electrician since 1990.

Investment:

\$499 per participant. Includes lunch.



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