

## NFPA 70E Electrical Safety in the Workplace

### NFPA 70E:

- Updates
- Definition of Qualified & Unqualified Persons
- Overview of Pertinent Tables

### Electrical Hazards & Accident Prevention Program:

- Electrical Hazards
- Voltage Level & Degree of Hazard
- Causes of Electrical Accidents
- Electrical Shock and Electric arcs
- Arc or Flash burns

### Personal Protective Equipment (PPE):

- Flame Resistant (FR) Clothing
- Layer of Clothing
- Cleaning and Laundering of FR Clothing
- Choosing FR Clothing and PPE
- NFPA 70E Hazard Risk Categories

### Flash Protection Boundary and Limits of Approach:

- Definitions and Boundaries and Spaces
- Flash Protection Boundary
- Limited Approach Boundary
- Restricted Approach Boundary

### Lock Out/Tag Out:

- Procedure Overview
- Installation of Isolation Devices & Tags
- Removing of Devices

### Affected Personnel

### Important Information:

**Date:** See Schedule [www.trma.org](http://www.trma.org)

**Location:** Three Rivers Safety Center  
1615 W. Jefferson St. Joliet, IL

**Time:** 7:15 am (Registration)  
7:30 am to noon (Program)

**Cost:** \$285 for TRMA members  
(click [here](#))  
\$335 for non-members

**Register:** [www.trma.org](http://www.trma.org)

**Description:** Arc flash dangers such as shock, electrocution, and arc blast are serious hazards/ Hazard awareness training and qualification can mitigate the risk of serious bodily injury and loss. The NFPA 70E Standard for Electrical Safety in the Workplace has been developed to protect the worker and ensure compliance with OSHA's General Duty Clause – to provide a safe and healthful work environment. Participants will learn the specifics of the NFPA 70E Standard and how to apply its rules to everyday electrical related tasks and procedures. Case studies, PowerPoint's and video will be used to explain and illustrate the requirements.