

Arc Flash/70E Electrical Safety For Qualified Workers



What You Will Get Out Of This Course

Your employees attending this class will learn the latest in electrical safety standards and regulations. This training goes toward satisfying your OSHA training requirement and will produce electrical maintenance workers more aware of the hazards and how to reduce the risk. This course reflects the evolution of NFPA 70E in the direction of risk assessment and hazard elimination. The hierarchy of risk controls will be discussed in a way that can be applied right away. Shock and Arc Flash hazard PPE selection is covered in detail. Real-world scenarios and OSHA citations will be discussed to see what the group thinks could have been done differently. OSHA 1910 as well as NFPA 70E will be discussed. We can incorporate your facility's electrical safety program, arc flash incident energy analysis report and equipment labeling, into the class if you'd like. Your people will walk out of this class better prepared for work involving electrical hazards.

Topics Covered:

- Arc Flash Hazard Risk Assessment
- Arc Flash Boundaries
- PPE Category Method
- PPE Category Method Limitations
- PPE Incident Energy Analysis
- PPE Incident Energy Analysis Limitations
- Arc Rated PPE
- Understanding Incident Energy Analysis Project
- Arc Flash Labels
- How to interpret your Incident energy analysis
- Working Control Circuits
- Working With Live Circuits
- Electrical Safety Program
- Job Safety Planning
- Job Briefing
- Hierarchy Of Risk Control
- Voltage Rated Gloves
- Emergency Response Training
- Insulated Tools
- Host/Contractor Responsibilities
- Test Instruments
- Lockout/Tagout
- Shock Risk Assessments
- Shock Boundaries
- PPE For Shock Hazards
- Energized Work Permit
- Equipment Labeling
- Safety Interlocks
- Routine Opening of Over-Current Protective Devices
- Circuit Breaker Maintenance
- One-Line Drawing Updates
- Over-Current Protective Device Labeling
- Look-Alike Equipment
- Overhead Powerlines
- Power Electronics Equipment - Motor Drives, Etc.
- Mitigation opportunities

Audience:

*Perfect For Maintenance & Repair Personnel
Covers Voltage (600V & Below)*

Ask For A Quote Today



877-393-9901

Updated for 2018 NFPA 70E

New For 2018:

Increased emphasis on Risk Assessment and away from PPE

Job safety Planning Requirement

Arc Hazard Identification Table modified to determine likelihood of an arc flash

Arc Hazard Identification Table can be used for either method of arc flash risk assessment

Standards for arc flash PPE moved to informational note.

Article 350 expanded for R&D and Laboratories - Electrical Safety Authority (ESA)

Benefits:

- Goes toward satisfying Your OSHA training Requirements
- Updated for 2018 NFPA 70E
- Attendees learn the latest method for arc flash PPE selection
- New Job Safety Planning, Job Briefing documentation requirements
- Can be easily customized to fit your needs
- Instructor has in-the-trenches maintenance experience
- 28 years of experience teaching in the maintenance field
- You can watch videos of instructor prior to class
- You deserve the best training experience possible, and we will do everything we can to provide it.

Contact:

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