

Arc Flash/70E Electrical Safety Train The Trainer 2-Day



What You Will Get Out Of This Course

By attending this class you will learn the latest in electrical safety standards and regulations. This training will help you become a great electrical safety instructor. You will teach workers how to be 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. You will learn how to use real-world scenarios and OSHA citations as learning tools. 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. Attendees will walk out of this class better prepared share what they have learned. We suggest your candidates to become instructors of electrical safety courses have a solid background in electrical maintenance or engineering, have a good safety mindset, and are naturally a good communicator.

Topics Covered:

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| • Arc Flash Hazard Risk Assessment | • Working Control Circuits | • PPE For Shock Hazards |
| • Arc Flash Boundaries | • Working With Live Circuits | • Energized Work Permit |
| • PPE Category Method | • Electrical Safety Program | • Equipment Labeling |
| • PPE Category Method Limitations | • Job Safety Planning | • Safety Interlocks |
| • PPE Incident Energy Analysis | • Job Briefing | • Routine Opening of Over-Current Protective Devices |
| • PPE Incident Energy Analysis Limitations | • Hierarchy Of Risk Control | Train The Trainer |
| • Arc Rated PPE | • Voltage Rated Gloves | • Preparation |
| • Understanding Incident Energy Analysis Project | • Emergency Response Training | • How to practice |
| • Arc Flash Labels | • Insulated Tools | • How to open |
| • How to interpret your Incident energy analysis | • Host/Contractor Responsibilities | • The beauty of silence |
| | • Test Instruments | • Why you should never use a laser pointer |
| | • Lockout/Tagout | • Filler words |
| | • Shock Risk Assessments | • Less Is More |
| | • Shock Boundaries | |



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)

Attendee Qualifications

- A solid background in electrical maintenance or engineering.
- Good communicator

Schedule

Pre-Course Homework

NFPA 70E Standard & Handbook.

Day One

Electrical Safety For Qualified Workers

Day Two

Teaching 70E

How to make training an enjoyable experience for instructor and attendee.

Tips, Tricks & Do's & Don'ts.

Attendee presentations

How to prepare

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