

Electrical Safety in the Workplace Training

This 4-hour course is designed for electrical workers who need the basic knowledge and skills to perform low risk electrical work activities. Because this course covers the fundamental elements of NFPA 70E it can be used as a refresher training for previously qualified workers, give supervisors, managers, and electrical workers the basic knowledge needed to ensure worker safety.

This course includes documented tests and lesson material designed to meet the OSHA and NFPA 70E requirements for qualified worker training.

At the completion of the training the employee will be able to:

1. Describe the types of electrical hazards present in the workplace
2. Identify the OSHA regulations that pertain to electrical safety
3. Describe how electricity affects the human body
4. Describe the methods of Safe Contact Release
5. Define a qualified person
6. Perform the steps required to create an electrically safe condition
7. Identify the proper test instrument
8. Recognize the Limits of Approach
9. Describe protective barriers and shields
10. Describe the methods used to select insulating gloves
11. Recognize insulating tools
12. Describe the requirements for flexible cord use, maintenance and inspection
13. State the requirements for performing energized work
14. Describe the hazards associated with arc flash/blast events
15. Understand how to read an arc flash warning label
16. Determine personal protective equipment requirements based on incident energy
17. State the care and maintenance requirements of electrical personal protective equipment