

Low Voltage Qualified Course

8 Hour Qualified Training



Course Description

Used by NFPA 70E committee members, our training provides a thorough knowledge of the dangers and recommended safe behaviors for those who work daily around electrical hazards. This course goes beyond the theoretical to give attendees a complete understanding of regulations regarding electrical and arc flash safety and how to apply them in real-world situations. The course also details differences contained in the 2015 NFPA 70E standard from the 2012 version. Our arc flash training is the most complete in the industry. We digest the information critical to the electrical worker and safety professional and put it in a concept-based, adult-learner friendly format that makes it easy to understand, remember and apply.

I. Governmental Regulations & Standards

- Personal Safety
- Safety for your fellow workers
- Comply with applicable regulations
- OSHA Regulations and Requirements
- NFPA 70E Standard
- GFCI
- Cords & Cables

II. Electrical Hazards & Protection

Type of Hazards:

- Electric Shock
- Fire Ignition
- Arc Flash
- Arc Blast

Associated Hazards:

- Falls
- Smoke Inhalation

III. Personal Protective Equipment

- Gloves
- Clothing
- Equipment
- Care & Maintenance
- PPE Levels
- Standards

IV. Flash Hazard Assessment

- Identify Hazards
- Remove or reduce possibility of contact through engineering controls
- Establish mandatory safe work practices
- Task Assessments

V. Safety Related Work Practices

- Job Briefing
- De-energize & Isolate
- Using Tools

VI. Workplace Safety

- Mobile Equipment
- Working Overhead
- Flammable Liquids & Gas
- Shock Assistance
- Inspections
- Record-Keeping
- Audits
- Special Equipment
- Boundaries
- General Rules
- Material Storage
- Lock Out/ Tag Out
- One Hand Rule

VII. General Rules

- Voltage Detectors
- Meters
- Grounding
- Alerting
- Barricading
- Barriers
- Seven Electrical Safety Habits

VIII. Staying Safe

- Recognizing Hazards
- Unqualified
- Task Qualified
- Qualified
- Management
- Classroom vs. On-the-job