

CHANGE / REQUIREMENT

ARTICLE 110.2 (C)

(C) Emergency Procedures. Employees exposed to shock hazards and those employees responsible for taking action in case of emergency shall be trained in methods of release of victims from contact with exposed energized electrical conductors or circuit parts. Employees shall be regularly instructed in methods of first aid and emergency procedures, such as approved methods of resuscitation, if their duties warrant such training. Training of employees in approved methods of resuscitation, including cardiopulmonary resuscitation and automatic external defibrillator (AED) use shall be certified by the employer annually.

ARTICLE 110.2(D)(1)(d)

Tasks that are performed less often than once per year shall require retraining before the performance of the work practices involved.

ARTICLE 110.2(D)(1)(e)

Employees shall be trained to select an appropriate voltage-detector and shall demonstrate how to use a device to verify the absence of voltage, including interpreting indications provided by the device. The training shall include information that enables the employee to understand all limitations of each specific voltage-detector that may be used.

ARTICLE 110.2(D)(1)(f)

The employer shall determine, through regular supervision or through inspections conducted on at least an annual basis, that each employee is complying with the safety-related work practices required by this standard.

ARTICLE 110.2(D)(3)

Retraining. An employee shall receive additional training (or retraining) under any of the following conditions:
(a) If the supervision or annual inspections indicate that the employee is not complying with the safety-related work practices (b) If new technology, new types of equipment, or changes in procedures necessitate the use of safety-related work practices that are different from those which the employee would normally use, or (c) If he or she must employ safety related work practices that are not normally used during his or her regular job duties. **Retraining shall be performed at intervals not to exceed 3 years.**

ARTICLE 110.2(E)

Training Documentation. The employer shall document that each employee has received the training required by paragraph 110.2(D) of this section. This documentation shall be made when the employee demonstrates proficiency in the work practices involved and shall be maintained for the duration of the employee's employment. The documentation shall contain the content of the training, each employee's name, and dates of training. **Informational Note:** Employment records that indicate that an employee has received the required training are an acceptable means of meeting this requirement.

Our Guarantee

We at Facility Results offer practical, targeted courses on Electrical Safety, Electrical Maintenance, and Lockout/Tagout that capitalize on every minute spent in the classroom. Satisfaction Guaranteed.



Please provide full names of attendees so that completion badges can be ordered & presented upon completion of training.



Hard Hat Badge
and PVC Certificate
Badge of Completion

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P.O. Box 6147 • Plymouth, Michigan 48170

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ARC FLASH & SHOCK HAZARD AWARENESS TRAINING

Electrical Safety in the Workplace
Based on NFPA 70E



QUALIFIED WORKER ELECTRICAL SAFETY / ARC FLASH HAZARD AWARENESS NFPA 70E

DESCRIPTION

This course introduces the student to the hazards of an arc flash event & how to set up an arc flash safety program based on the NFPA 70E “Standard for Electrical Safety in the Workplace”. Students will learn the factors affecting arc flash hazards, selection & use of PPE for arc flash protection & equipment labeling requirements. Supplemented by graphic videos & stimulating class discussions this course has the impact required to ensure that the student understands the importance of arc flash & shock protection.

DURATION

2 - 2.5 Hours, during the days & hours that follow: Monday – Friday, 7am – 6pm.
A review with Management will take place following the training where we will review the feedback that was noted during the class, speaker evaluation and cover critical areas of concern.

FORMAT

PowerPoint Presentation, Instructor Demonstrations, Open Discussion, One or Two Seasoned Trainers

AUDIENCE

Supervisors, Engineers, Managers & any other personnel involved in the operation of industrial electrical equipment. Safety personnel should also attend to evaluate their facility safety programs and identify the needs of their employees.

OBJECTIVE

This training program will provide the student with the information required to comply with the NFPA 70E & NEC requirements regarding arc flash protection.

TOPICS

- NFPA 70E Updates
- NFPA 70E Requirements
- Hazards of an Arc Flash Event
- Proper Use of Safety Equipment
- Selection & Use of Protective Clothing for Arc Flash Protection
- Care of Personal Protective Equipment
- Proper Sizing of PPE & Options Available
- Basics of the Arc Flash Calculations
- Labeling Requirements
- Electrical Maintenance Requirement
- Value of a Coordination/Mitigation to Reduce Arc Flash Hazard Levels
- LOTO review based on NFPA 70E
Establishing an Electrically Safe Work Condition

TRAINING MATERIALS

- Seminar text handouts & related materials
- Select pages from Standard for Electrical Safety in the Workplace
- Select pages from 29CFR OSHA 1910.331-336
- Valuable safe work practices & tips
- Pocket sized charts & safety tools
- Full sized 11” x 14” PPE posters
- 2 “ x 2 ” **Arc Flash Trained** hard hat badge
- Certificate badge of completion



Read About Our Trainers

<http://www.facilityresults.com/training>

TERMS

Customer will be invoiced 50% upon booking, balance upon completion of each training. Training must be held Monday – Friday. First & second shift training between 7 am & 5 pm. Third shift training between 6 pm & 6 am. For each location all training must be consecutively scheduled. Lead time from receipt of order is 4 weeks. All travel costs include; Mileage, Per Diem, Hotel, Rental Car, Baggage Check, Parking, Shipping & Tolls. Recording devices strictly prohibited.

Customer Agreement: Customer will be billed for expenses if training is canceled or date has changed once flights are booked. Customer must provide names of students two weeks prior training date. Customer will be charged \$25.00 for each attendee over 15 seats for each training session. Customer must provide appropriate training room.

Cost	Call
Add 2nd Training on Same Day (between 7am-5pm) <i>Optional</i>	Call
Add 3rd Shift (between 5pm-6am) or Saturday <i>Optional</i>	Call
Add for Each Attendee Over 15 for Each Training	Call
Add Travel One Over Night	Call

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Satisfaction Guaranteed

