

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*

888-762-0090



P.O. Box 6147 • Plymouth, Michigan 48170

www.FacilityResults.com

NFPA 70B CLASSROOM/PLANT FLOOR TRAINING

Electrical Safety in the Workplace



NFPA 70B Class Room/ Plant Floor Training

Bring Your Team to the Next Level!

DURATION

ONE, TWO, THREE or FOUR – 8 Hour Training Days

OSHA 1910.332 C STANDARDS

- Skilled Trades for Maintenance Personnel
- Controls Engineers
- Maintenance Managers

TOPICS

This two day class will cover the following topics:

- NFPA 70B Electrical Preventive Maintenance, NEC Code & Diagnostics
- Electrical Maintenance – Energized- Tools, Tasking and Testing Procedures

BENEFITS

- Provide safer work practices and techniques for electrical diagnostics
- Understand the opportunities to advance your business with sharpened skill sets
- Learn ways to protect and operate more cost effectively
- The skill sets to take advantage of “low hanging fruit” to increase profitability
- Understand the difference between functional and optimal and how they affect you



Read About Our Trainers

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

NPFA 70B TRAINING

ELECTRICAL EQUIPMENT MAINTENANCE

Our expert consultants can train you and your employees in everything from OSHA Electrical Safety mandates to NEC 2011 Update Training to NFPA 70E to Electrical Troubleshooting Training to NFPA 70B Electrical Safety in the workplace consensus standards. Our classes meet and exceed the training requirements as defined in the NFPA and OSHA. We can customize any of our courses to meet your specific needs

ELECTRICAL EQUIPMENT MAINTENANCE TRAINING

In today's global economy, the quest for increased productivity is a given for most commercial and industrial facilities. Keeping those facilities running smoothly at maximum efficiency requires a host of programs involving all aspects of the operation, including maintaining the electrical equipment. What should be done and how often are the basic components of any approach, but an effective electrical preventive maintenance (EPM) program goes well beyond that. It must ensure all personnel implementing the procedures are up to speed on what constitutes electrical safe work environments. That's where NFPA 70B, *Recommended Practice for Electrical Equipment Maintenance*, comes in.

TRAINING COURSE AGENDA

- Substations
- Switchgear Assemblies
- Auxiliary Equipment
- Power and Distribution Transformers
- Air Circuit Breakers - Medium Voltage
- Molded-Case Circuit Breakers in Power Plants
- Fuses
- Protective Relays
- Rotating Equipment
- Grounding
- Motor Control Equipment
- Maintenance Intervals
- Power Cables
- Maintenance of Electrical Equipment Subject to Long Intervals Between Shutdowns

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.

Hours are 8:00am - 5:00pm with a one hour lunch

Cost:

1 Day	Call
2 Day	Call
3 Day	Call
4 Day	Call

Please have PO & Payment addressed to:

P.O. Box 6147 • Plymouth, Michigan 48170
888-762-0090



Satisfaction Guaranteed

