

ELECTRICAL SAFE WORK PRACTICES

NFPA 70E / ARC FLASH SAFETY

1-DAY TRAINING



TRAINING OVERVIEW

THIS ONE-DAY SEMINAR is designed for all personnel who work on, around or near any type of electrically energized equipment. Electrical hazards, proper electrical work practices and procedures, and the safe installation of electrical equipment will be discussed. You will be introduced to the rules and regulations as required by the OSHA Electrical Safety Related Work Practices Standard 1910.331-1910.335. Designed to keep workers safe and up-to-date, this seminar provides life saving information. It is perfect for those who need refresher training, or those who have had little exposure to proper work practices.

- **Standards for Electrical Safety**
 - OSHA
 - Code of Federal Regulations 1910.331-335
 - NFPA 70E
 - Workplace Safety Programs
- **Electrical Fundamentals**
 - Understanding Electricity
 - Conductors/Insulators
 - Shock Safe and Unsafe Current Values
- **Qualified vs. Unqualified**
 - Training Knowledge Tools and Methods
- **NIOSH Case Studies**
 - Fatality Assessment
 - Attitudes, Emotions, & Conditions
- **Hazard Analysis**
 - 70E Hazards
 - Approach Boundaries for Shock Protection
 - Limited
 - Restricted
 - Prohibited
 - Arc Flash Boundary
 - Clearance Distances
 - Labeling
- **Work Involving Electrical Hazards**
 - Justification
 - Permits
 - Exemptions
- **Personal Protective Equipment**
 - Arc-Rated Clothing
 - Hazard Risk Categories
 - Voltage Rated Gloves and Tools
 - Selecting PPE, Hazard Analysis vs. 70E Tables
- **Reducing Electrical Hazards**
 - Fuses
 - Circuit Breakers
 - Guarding
 - Grounding
 - GFCI
- **Meter Safety**
 - Selection and Use
 - Types
 - Category Rating
- **Energy Control Program**
 - Lockout/Tagout
 - Training
 - Inspection
- **Class Discussion and Review**

EVENT DETAILS

ONLY \$475

**Includes:
Continental Breakfast
Lunch & Snacks**

Wednesday, May 27, 2015
8:00am - 5:00pm

PNC Arena
1400 Edwards Mill Road
Raleigh, NC 27607
PH: 919-861-2300
www.thepncarena.com

Limited Seating

REGISTER NOW

Questions?
Contact Mike Rathbun
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919.909.8945

4 KEY REASONS NOT TO MISS THIS TRAINING:

You will -

1. Increase your safety awareness.
2. Learn the minimum requirements of the OSHA standards and how they are applied in the workplace.
3. Be able to spot hazards, avoid accidents, and prevent costly fines before they happen.
4. Possibly prevent the death or injury of a co-worker or yourself!