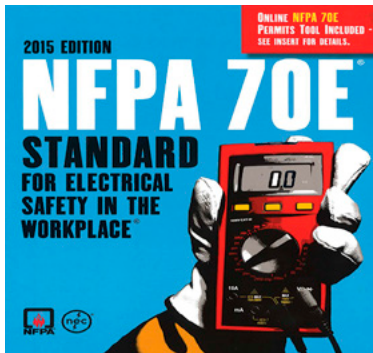




Ensuring the Safety and Reliability of Your Facility



What is NFPA 70E Compliance?

OSHA and NFPA, the organization that writes and regulates our electrical code, require all facility owners and managers to perform a Hazard/Risk Analysis on their electrical distribution system prior to allowing anyone to work on or near energized electrical equipment.



Why is it important for you to become NFPA 70E Compliant?

- To ensure the safety of your facility
- To ensure the reliability of your facility
- To protect your employees
- To protect your vendors
- To reduce your liability and risk of citation and fines

How can we help you become NFPA 70E Compliant?



We can provide the required safety training

⚠ WARNING	
Arc Flash and Shock Hazard	
Appropriate PPE Required	
87 inches	Flash Hazard Boundary
16 cal/cm²	Flash Hazard at 18 inches
Category 3	25 cal/sq cm, cotton underwear T-shirt and briefs or shorts, FR shirt (long-sleeve) plus FR pants (long), or FR coverall/coat, rainwear as needed.
<small>Hardhat + FR hard hat liner + Safety Glasses or Goggles + Ear Canal Inserts + Arc-rated arc flash suit hood</small>	
480 VAC	Shock Hazard when cover is removed
00	Glove Class
42 inches	Limited Approach
12 inches	Restricted Approach
1 inches	Prohibited Approach
Bus: 7B01-PDP-A-04C26	
Prepared on: 03/18/2011	<small>Warning: Changes in equipment settings or system configuration will invalidate the calculated values and PPE requirements</small>

We can perform the required Hazard/Risk Analysis



We can perform the required annual electrical preventive maintenance

NFPA 70E Compliance - 3 Step Plan

1. Safety Training

Date of Completion

- NFPA 70E Safety Training

___/___/___

- Selecting the Proper PPE Equipment

___/___/___

2. Hazard/Risk Analysis

Date of Completion

- Create updated one-line drawings

___/___/___

- Perform a coordination study

___/___/___

- Perform a short circuit analysis

___/___/___

- Perform the Arc Flash Hazard Analysis

___/___/___

- Apply the arc flash labels to all equipment

___/___/___

- Recommendations to mitigate hazards

___/___/___

- Continuous Change Management Program

___/___/___

3. Electrical Preventive Maintenance As Per NFPA 70E Chapter 2

Date of Completion

- Infrared Inspection

___/___/___

- Partial Discharge/Ultrasonic monitoring

___/___/___

- Voltage and Current Diagnostics

___/___/___

- Cleaning, operational check, proper torque, adjustments

___/___/___

- Testing of Circuit Breakers and Protective Devices

___/___/___

Company: _____

Contact Name: _____

Phone: _____

E-mail: _____

ABM Electrical Power Solutions

866.624.1520

ABM.com/Electrical

