



# ELECTRICAL SAFETY & MAINTENANCE

We can help you meet the industry standards.



**DYMAX**  
A RESA Power Solutions Company

**High Voltage** Service  
Electrical Testing-Safety-Engineering

ELECTRICALLY PROTECTING PEOPLE, PRODUCTS AND PRODUCTION – SAFELY

2015 EDITION

# NFPA 70E<sup>®</sup>

**STANDARD  
FOR ELECTRICAL  
SAFETY IN THE  
WORKPLACE<sup>®</sup>**



ONLINE NFPA 70E  
PERMITS TOOL INCLUDED -  
SEE INSERT FOR DETAILS.

## **ELECTRICAL SAFETY RISK ASSESSMENT**

Our complimentary on-site Electrical Safety Assessment (\$500 value) will identify potential hazards and OSHA/NFPA 70E<sup>®</sup> violations. This consists of a review of the following major items:

- **Engineering Documentation, including one-line drawings**
- **Most Recent Arc Flash Risk Assessment**
- **Warning Labels**
- **Personal Protective Equipment (PPE)**
- **Preventive Maintenance Practices and Procedures**
- **Safety Awareness Training Program**

Based on the findings of this Electrical Safety Risk Assessment, we will provide comments and recommendations regarding your facility. The Electrical Safety Risk Assessment and all recommendations are based on industry-wide consensus standards.



## **ELECTRICAL SAFETY AWARENESS TRAINING**

Electrical Safety Awareness Training is an essential element in preventing possible life-altering injuries, fatalities, citations and property damage.

This 8-hour session will provide an understanding of the 2015 NFPA 70E®, how it relates to NEC and OSHA procedures and how to use this information to keep your employees safe and your facility in compliance. We also offer a 4-hour refresher class, as well as customized combination classroom/hands-on training at your facility.

Our professional training staff brings years of real-world experience to the classroom, assuring that our sessions will have a positive impact on your electrical safety.

We offer easy on-line registration and we also provide on-site, customized sessions.

Per 2015 NFPA 70E® 110.2(D)(3):

“Retraining in safety-related work practices and applicable changes in this standard shall be performed at intervals not to exceed three years.”



## ARC FLASH RISK ASSESSMENT

Arc Flash causes hundreds of fatalities and thousands of injuries each year. We will help you build an effective Electrical Safety Awareness Program that meets the requirements of OSHA and the NFPA 70E® Standard for Electrical Safety in the Workplace.

Our experts will help you determine shock and arc flash protection boundaries, hazard class, PPE requirements, potential incident energy levels and more.

As stated in 2015 NFPA 70E® 130.5 ...

“An arc flash risk assessment shall be performed and shall... (2) Be updated when a major modification or renovation takes place. It shall be reviewed periodically, at intervals not to exceed 5 years, to account for changes in the electrical distribution system that could affect the results of the arc flash risk assessment.”

We can help you review and update your Arc Flash Risk Assessment to stay in compliance.



# ELECTRICAL MAINTENANCE

Preventive and predictive maintenance is key to keeping your employees safe and your facility up and running. We will develop a PM program for you based on NETA recommendations. Our specialties include:

- **Transformer, Switchgear and Cable Testing**
- **High Current Testing**
- **Full Electrical Testing**
- **Infrared Inspection**
- **Doble® Power Factor Testing**
- **On-site or in-shop Circuit Breaker Testing and Repair**
- **Acceptance, Compliance and Commission Testing**

**We will help you comply with industry standards:**

- OSHA 1910.303(b)(1) Electric equipment shall be free from recognized hazards that are likely to cause death or serious harm to employees.
- 2015 NFPA 70E® 205.3 Electrical equipment shall be maintained in accordance with manufacturers' instructions or industry consensus standards to reduce the risk associated with failure. The equipment owner or the owner's designated representative shall be responsible for maintenance of the electrical equipment and documentation.



## DYMAX and High Voltage Service - St. Paul, Minnesota

DYMAX Holdings, LLC, established in 1981 and now a RESA Power Solutions company, and its subsidiaries DYMAX Engineering and High Voltage Service, specialize in electrical power solutions to ensure safe, efficient and reliable generation, transmission and distribution of electricity. We have provided electrical solutions to thousands of companies throughout the United States on both a routine and a 24/7/365 emergency basis.

We are a Local 110 Union Shop and a NETA-accredited company—which means you are partnering with a company that provides the highest level of safety and reliability. And our work is 100% guaranteed.

### **HIGH VOLTAGE SERVICE**

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