



# ELECTRICAL SAFETY & MAINTENANCE

We can help you meet the  
industry standards.



**DYMAX**  
ENGINEERING

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

ELECTRICALLY PROTECTING PEOPLE, PRODUCTS AND PRODUCTION – SAFELY



# ELECTRICAL SAFETY ASSESSMENT

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

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

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



## ARC FLASH HAZARD ANALYSIS

Arc Flash causes hundreds of fatalities and thousands of injuries each year. We will help you build an effective Electrical Safety 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 flash protection boundaries, hazard class, PPE requirements, potential incident energy levels and more.

As stated in 2012 NFPA 70E® 130.5 ...

“The arc flash hazard analysis shall be updated when a major modification or renovation takes place. It shall be reviewed periodically, not to exceed every 5 years, to account for changes in the electrical distribution system that could affect the results of the arc flash hazard analysis.”

We can help you review and update your Arc Flash Hazard Analysis 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.
- 2012 NFPA 70E® 205.3 Electrical equipment shall be maintained in accordance with manufacturers' instructions or industry consensus standards to reduce the risk of failure and the subsequent exposure of employees to electrical hazards.



## **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 2012 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.

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 2012 NFPA 70E® 110.2(D)(3):

“Retraining shall be performed at intervals not to exceed 3 years.”



## DYMAX Headquarters - Saint Paul, Minnesota

DYMAX Holdings, Inc., established in 1981, and its subsidiaries DYMAX Engineering and High Voltage Service, Inc., 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 NETA-accredited company—the only one in Minnesota—which means you are partnering with a company that provides the highest level of safety and reliability. And our work is 100% guaranteed.

### **DYMAX ENGINEERING**

250 Prairie Center Dr. Ste. 300. Eden Prairie, MN 55344

Ph: (952) 942-5529 / Fax: (952) 942-5907

[www.dymaxengineering.com](http://www.dymaxengineering.com)

### **HIGH VOLTAGE SERVICE, INC.**

4751 Mustang Circle, St. Paul, MN 55112

Ph: (763) 784-4040 / Fax: (763) 784-5397

[www.hvserviceinc.com](http://www.hvserviceinc.com)

