

Electrical Safety Program Development

Based on NFPA 70E 110.7



The purpose of an Electrical Safety Program is to help prevent electrical injuries to all personnel in the workplace. The implementation and adherence of this program helps create an electrically safe workplace to ensure all employees, contractors, and visitors are protected from electrical hazards capable of causing injury or death.

The program is intended to set out procedures designed to protect all personnel from electrical shock, arc-flash, and fire hazards of electrical origin. This program is also intended to ensure compliance to OSHA electrical safety requirements published as Federal Law in the Code of Federal Regulations 29 CFR 1910, NFPA 70E Standard for Electrical Safety in the Workplace, and NFPA 70 National Electrical Code.

OBJECTIVES

Develop a written Electrical Safety Program that:

- Meets OSHA Compliance
- Follows recommendations from NFPA 70E
- Is customized for the customer's needs and application

SCOPE

This Electrical Safety Program applies to all employees, contractors, and vendors that may be exposed to electrical hazards in the course of performing their work including examination, maintenance, repair, diagnostics, troubleshooting, calibrating, and installation.

This program provides only the minimum electrical safety requirements and is not intended to replace the need to comply with local, city, county, state, and federal electrical safety requirements. When there are differences between this Electrical Safety Program and other regulations the more stringent must be followed.

Contractors and vendors are expected to comply with the provisions of this program in addition to their own policies and procedures when working at or within this facility. However, this program is not intended to abrogate or assume responsibility for a contractor's employees or the need for the contractor to comply with all local, city, county, state, and federal electrical safety requirements.

WORK PROCESS

The process examines the customer's current procedures and documentation for electrical safety, identifies gaps and develops a new documented program that meets OSHA compliance and follows recommendations of NFPA 70E. The program will be conducted by an electrical maintenance specialist who has a strong understanding of the various electrical standards/laws and who is experienced in developing electrical safety and maintenance programs. Work is generally done via multiple phone conferences and exchange of electronic documents. The electrical program specialist will:

- review current processes
- identify gaps
- make recommendations
- implement new policies and procedures into a new document
- review changes with customer

OUTLINE OF ELECTRICAL SAFETY PROGRAM

Major Categories Covered

- Fundamentals
- Qualification
- Design & Installation
- Identification & Labeling
- Drawings, Reports & Tests
- Equipment
- Safety Related Work Practices
- Personal Protective Equipment
- Procedures
- Checklists

DELIVERABLES

- A Written Electrical Safety Program Document that is OSHA Compliant and Customized to your needs.
- Phone consultation to review final product

Promotion Code

ABOUT US



Martin Technical, a division of American Trainco, is a provider of practical services and education for maintenance workers and facilities. Our expert staff combines their real world work experiences of the past with today's technologies and best practices to provide our customers with knowledge to operate their plants and maintenance programs in the safest, most efficient manner possible. And because all our experts have in-field experience, we understand the difference between theory and applications and are able to translate today's complex problems into simple solutions that can be implemented tomorrow.

We have serviced over 40,000 companies and organizations ranging from small private facilities to large manufacturing corporations and everyone in between, including:

- Manufacturing Plants
- Schools & Universities
- Data & Service Centers
- Government & Military
- Hospitals
- Shopping Centers
- Energy & Utility Plants
- Water & Waste Water
- Hotel & Hospitality

PRODUCTS & SERVICES

We specialize in making plants and facilities better, safer and more efficient by providing the following services and products:

Electrical Studies & Testing

- Arc Flash Analysis & Labeling
- Short Circuit Study
- Protective Device & Coordination Study
- Power Quality Audit
- Infrared Inspection

Energy Management

- Energy Audits
- Boiler, Compressor & HVAC Audits
- Energy Management Training

Training

- In House Training
- Open Enrollment Courses
- Webinars
- Online Learning

Training Topics

- Electrical
- HVACR
- Codes & Safety
- Pumps
- Pipe & Plumb
- Hydraulics
- Mechanical
- Maintenance Management
- Power Generation
- Petroleum
- Specialty

Electrical Safety

- Electrical Safety Program Development
- Electrical Safety Audit
- Electrical Safety Training
- Qualified Electrical Worker Assessment & Testing

Maintenance Consulting & Audits

- Maintenance Management Consulting
- Maintenance Audits
- Employee Skills Gap Analysis
- Maintenance Program Development

Testing & Assessment

- EPA 608 Certified Test Center
- Pre-employment & topic knowledge testing
- MTAA Certified Test Center

