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Electrical Safety Program Development - EHS Managers and Supervisors

View Course Details

COURSE DATES AND TIMES

November 4, 2026

10:00 am - 4:30 pm ET

Why Learn Electrical Safety Program Development?

This course helps organizations establish OSHA, NFPA 70E, and CSA Z462-compliant policies and procedures, identify and mitigate arc-flash and shock hazards, and build a proactive safety culture supported by effective training and documentation.

Developing and implementing an electrical safety program requires a strong commitment to both prevention and protection. This includes defining safe work practices that reduce the risk of electrical shock, injury, and arc-flash incidents for those working on or near energized systems. A well-structured program outlines clear steps for hazard identification, risk assessment, and the proper use of personal protective equipment, ensuring that all workers understand how to perform tasks safely.

Aligning these practices with recognized industry standards and the realities of the electrical systems in use helps organizations manage risks more effectively. By emphasizing continuous improvement, detailed documentation, and accountability at all levels, employers can create a safer environment in which personnel confidently apply consistent, compliant safety practices.

Unlike general power worker safety training that focuses on hazard awareness or PPE use, this course provides a step-by-step guide to writing, implementing, documenting, and updating a compliant Electrical Safety Program that meets the NFPA 70E, CSA Z462, and OSHA 29 CFR 1910 safety standards.

Students learn how to define safety responsibilities, create comprehensive documentation, establish PPE and contractor management policies, and implement a system for routine audits and program improvement. Real-world templates, sample documents, and compliance

checklists help participants apply these concepts immediately within their organizations.

This course is an ideal companion to our Electrical Safety for EHS Managers and Supervisors course.

Course Themes

- Overview: What is an Electrical Safety Program and Why It Matters
- Core Program Elements under NFPA 70E/CSA Z462/OSHA
- Defining Roles: Management, Supervisor, Qualified and Unqualified Workers
- How to Write the Electrical Safety Program: Policies, Procedures, Permits
- PPE Program Development: Arc Flash and Shock Protection Requirements
- Contractor Safety Specifications: Prequalification and Site Responsibility
- Implementing the Program and Managing Changes
- Documentation Requirements and Sample Templates
- Audit Planning: Keeping Programs Current and Compliant
- Workshop: Draft Your Electrical Safety Program Outline

Learning Outcomes

- Understand every mandatory component of an Electrical Safety Program.
- Learn how to draft policies and procedures that meet legal and best-practice standards.
- Gain access to real-world templates for immediate use.
- Know how to specify safety requirements for outside contractors.

- Understand the steps for auditing and improving an Electrical Safety Program.

Related Safety Training Courses

- NFPA 70e Arc Flash Training
- CSA Z462 Arc Flash Training
- High Voltage Safety Training
- OSHA Lockout Tagout Training
- OSHA Electrical Safety Compliance
- Electrical Safety for Non-Electrical Workers
- Electrical Safety Training for EHS Managers

WHO SHOULD ATTEND

- EHS Managers
- Supervisors
- Safety Managers
- Safety Officers and Specialists
- Program Auditors
- Facility Managers are responsible for code compliance

STUDENTS RECEIVE

- Certificate of Course Completion
- 6 Continuing Education Unit (CEU) Credits (6 Professional Development Hours)
- **$50** Coupon toward any future Electricity Forum event (restrictions apply)
- 100-Page Arc Flash Safety Handbook - Value $20 (details below)
- Electricity Today Magazine Subscription (Value $25)
- Course Presentations in PDF Format

COURSE OUTLINE

Electrical Safety Program Development - Course Outline

1. Introduction

- What is an Electrical Safety Program?
- Why it is critical for compliance and risk management

2. Core Program Elements

- Required components under NFPA 70E/CSA Z462/OSHA
- Responsibilities of Management, Supervisors, and Workers
- Defining Qualified vs. Unqualified Worker Policies

3. Writing the Electrical Safety Program

- Drafting policies: Energized work, hazard assessments, PPE, LOTO

- Documentation: Forms, Permits, Procedures, Manuals
- Sample templates and examples

4. PPE Program Development

- Arc Flash PPE and Shock PPE requirements
- Integrating PPE into the main Safety Program
- Inspection and maintenance plans

5. Contractor Safety Requirements

- Prequalification standards
- Site-specific contractor safety responsibilities
- Sample contractor specifications

6. Program Implementation, Audit, and Continuous Improvement

- How to roll out a new or revised program
- Auditing procedures: what to inspect, how often
- Managing documentation changes
- Preparing for OSHA or internal audits

7. Interactive Session: Building Your Program Outline

- Workshop: Participants create the framework for their company-specific program

Questions and Answers

COURSE TIMETABLE

Both days:

Start: 10:00 a.m. Eastern Time
Finish: 4:30 p.m.

Contact us Today for a FREE quotation to deliver this course at your company's location.

Request Quote