

NFPA 70E ELECTRICAL SAFETY TRAINING



This course is customized for individuals that frequently interact with electrical equipment. It provides a general overview of electrical safety and the specific requirements of NFPA 70E. It is structured to help companies and government agencies fulfill requirements set forth in OSHA 29 CFR Part 1910, Subpart S Electrical and NFPA 70E. This course features a combination of classroom lecture, collaborative exercises, and hands-on familiarization with Personal Protective Equipment (PPE).

SPECIALIZED TRAINING. SAFER WORKPLACES.

NFPA 70E - Standard for Electrical Safety in the Workplace

FORMAT:

Classroom or Virtual

EDUCATION CREDITS:

8 PDHs (0.8 CEUs)

DURATION:

One Day

LEARNING OBJECTIVES:



- Electrical Safety Overview and NFPA 70E Compliance
- Applicable Standards (OSHA, NFPA, IEEE)
- Electrical Safety Statistics
- Real Case Studies
- Terminology Review
- Arc Flash Review
- Electrical Safety Planning & Risk Assessments
- Energized Electrical Work Permit Review
- Shock Risk Assessments
- Arc Flash Label Review
- Arc Flash Assessments
- Approach Boundaries
- Safety Mitigation Measures
- PPE Do's and Don'ts
- Explanations of PPE Arc Ratings
- How to Use and Maintain PPE
- Selection of Arc Flash PPE based on the NFPA 70E Tables
- Arc Flash PPE Demonstrations
- Review of the New Requirements of the 2024 Standard

KEY BENEFITS OF ATTENDING THIS TRAINING:



1. Comply with OSHA and NFPA training requirements.
2. Gain a thorough understanding of NFPA 70E requirements and issues that can affect your company and industry.
3. Get current information on the latest general industry practices in electrical safety.
4. Become familiar with proactive safety practices that can reduce the risk of accidents and injuries in your workplace.
5. Assess your organizations' level of compliance and improve any areas of weakness.
6. Identify resources for answers and additional information.

STUDENTS RECEIVE:

- NFPA 70E 2024 Standard Book
 - Hard Hat Sticker
 - Reference Materials
- Course Completion Quiz
- Course Completion Certificate
- Continuing Education Credits



WHO SHOULD ATTEND:

Safety Personnel • Electrical Contractors
Electricians • Plant Operators • Lineman
Field Engineers



ABOUT THE INSTRUCTOR:

Jeff Abbate has over 24 years of experience in electrical design, construction, and operations. He has held positions in detailed engineering, field engineering, construction, commissioning, project management, and operations. Jeff has a Bachelor of Science in Electrical Engineering from Clemson University, Master of Business Administration from the University of Colorado, and regularly performs arc flash studies. He is a licensed Professional Engineer in 23 states, and is qualified by the NFPA in NFPA 70E requirements as a Certified Electrical Safety Compliance Professional (CESCP).

