

BENEFITS

Ensuring Safety and Compliance

Inherent dangers exist with the operation, maintenance, and repair of electrical equipment. Electrical hazards, specifically arc flash and arc blast, can result in serious injury or death to electrical workers.

Ensuring worker safety and meeting the challenges of the new arc flash safety requirements can be a difficult task without assistance from resources familiar with industry guidelines and recommended practices such as the National Fire Protection Association's Standard for Electrical Safety in the Workplace® (NFPA 70E).

Having delivered hundreds of on- and off-site training courses annually, you can trust that the experts at Vertiv™ will provide the education your team needs to become “qualified” electrical workers that are prepared to protect themselves and your infrastructure.

Benefits

- Achieve compliance with applicable regulatory requirements
- Ensure the safety of your people and protect your equipment
- Maximize your training budget with on-site training
- Benefit from flexible and convenient training customized to your schedule and equipment
- Get expert, up-to-date training from NETA-certified instructors



Protect employees and achieve compliance with electrical safety training per NFPA 70E guidelines

The proper use of safety equipment, knowledge of electrical hazards, and knowledge of how to respond in the event of an electrical disaster are essential for all electrical personnel or those working on or around electrical equipment.

This electrical safety program is designed to provide personnel involved with the operation and maintenance of a power distribution system the knowledge, skills, and abilities to meet the NFPA 70E training requirements to be considered a “qualified” electrical worker in accordance with Chapter 1 and to meet the NFPA 70E Chapter 2 maintenance requirements:

Article 205.1 Qualified Persons.

Employees who perform maintenance on electrical equipment and installations shall be qualified persons as required in Chapter 1 and shall be trained in, and familiar with, the specific maintenance procedures and tests required.

Our NFPA 70E training covers:

- Facility-specific training
- Safety-related work practices
- Maintenance requirements

Facility-Specific Training

This 16-hour training program can be adapted to your company’s facility or site. The proper operation and maintenance of major components will be presented using specific equipment manufacturer’s instructions whenever possible. In the absence of manufacturer’s instructions, the applicable maintenance and testing recommended by the InterNational Electrical Testing Association (ANSI/NETA MTS) or NFPA 70B Recommended Practice for Electrical Equipment Maintenance will be utilized.

Site- and equipment-specific safety hazards and mitigation techniques will be covered. The training will utilize both lecture and hands-on demonstrations to provide the greatest possible exposure to power distribution system safety, operations, and maintenance requirements.

Article 110 Electrical: Safety-Related Work Practices

- Premise
- Electric shock
- Arc and blast
- Application of safety-related work practices
- General requirements for safety-related work practices
- Establishing an electrically safe work condition
- Work involving electrical hazards
- Selection and use of proper personal protective equipment (PPE) for shock and arc flash protection

- Portable tools and equipment
- Personal safety and protective equipment

Article 205 General: Maintenance Requirements

- Single-line diagrams
- Switchboards
- Switchgear assemblies
- Panelboards
- Motor control centers
- Disconnect switches
- Bus, cable and wiring
- Fuses
- Circuit breakers
- Rotating equipment

Training is optional on the following equipment, based on customer needs:

- Automatic transfer switches
- Uninterruptible power supplies
- Hazardous locations
- Batteries and battery rooms

Summary

Operating, maintaining, and repairing electrical equipment can create electrical hazards that lead to serious injury or death for electrical workers. Ensuring the safety of your workers and meeting the challenges of the latest arc flash safety requirements is a difficult task without assistance from qualified resources.

Vertiv’s experts have extensive experience with recommended practices and industry standards such as NFPA 70E, and deliver hundreds of training courses annually. You can trust that we will provide the education your team needs to protect themselves, their co-workers, and your critical infrastructure.

Ordering Information

To learn more about this service and other Vertiv solutions, please contact your local sales representative office for Vertiv’s Electrical Reliability Services or visit VertivCo.com. In the United States, call 1-877-468-6384.