



TRANSFORMATIONAL
PERFORMANCE SOLUTIONS



NFPA 70E and Arc Flash

Learning objective

At completion of this course, students will be able to avoid working on or near energized equipment. Where exposure cannot be avoided, students will learn to implement safety procedures to minimize dangers adhering to the guidelines of NFPA 70E.

Course abstract

Personnel safety is the most important concern in the workplace. The NFPA 70E sets standards for electrical safety in the work environment and keeps workers safe while working on or around electrically energized equipment. IEEE 1584 sets the industry standard for evaluating the arc flash hazards in a power distribution system and its equipment. OSHA 29CFR1910 subparts R and S tie these standards and governmental regulations for electrical safety together. OSHA mandates regarding electrical safety in the workplace specifically require employer assessment of generally recognized hazards in the workplace, and provisions for protecting the employee from those hazards.

Target audience

Electricians, technicians, maintenance workers, engineers, managers, and safety professionals who need to follow and adhere to industry and government standards to maintain safe electrical work environments.