

National Fire Protection Association 70E Electrical Training

OSHA has adopted a new standard for electrical safety in the workplace that all companies must comply with. OSHA adopted NFPA 70E in February 2007 and began enforcement in August 2007.

NFPA 70E —Fundamentals Training Course (4 Hours)

What You will Learn: Employees will understand the purpose of the standard and why it is important from OSHA's perspective. Topics addressed include: basic electrical principles and safety, general electrical hazards, OSHA regulations, LOTO principles, electrically safe work conditions, energized electrical permits, and safety program requirements. Also includes a discussion of electrical arcs and their associated hazards. Presents an overview of shock boundaries and the arc flash hazard boundary.

Who Should Attend: Anyone working near energized electrical equipment, employees authorized to perform LOTO, safety committees, safety managers and coordinators, electrical and mechanical maintenance personnel, production and operations personnel.

NFPA 70E —In-Depth Training Course (8 hours)

What You will Learn: In addition to the fundamentals training, a demonstration of all PPE will be provided. Employees will understand when to use PPE, how to use it, and how to maintain the equipment properly. Topics addressed include: installation safety and maintenance, engineering controls that may reduce arc flash hazards, example calculations, one-line diagrams, and device coordination. PPE matrix and table 130.& (C)(11) for use with incident energy calculations will also be discussed.

Who Should Attend: Anyone involved in creating or using safe work procedures, safety managers, and coordinators, safety committees, electrical and mechanical maintenance personnel, production and operations personnel, engineers, designers, and installers.

ATN can conduct a 2-hour NFPA 70E overview at your location that will discuss the new NFPA 70E arc-flash requirements and how to comply.

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