

ELECTRICAL SAFETY

COURSE: ARC FLASH HAZARD ANALYSIS

DESCRIPTION: This course introduces the student to the hazards of an arc flash event and how to set up a arc flash safety program based on the NFPA 70E *“Standard for Electrical Safety in the Workplace”* 2004 Edition.

Students will learn how to perform an arc flash hazard analysis, gather information for labeling equipment, and selecting the proper personal protective equipment for arc flash protection.

Supplemented by graphic videos and stimulating class discussions this course has the impact required ensuring the student understands the importance of arc flash protection.

DURATION: 8 Hours

FORMAT: Power Point Presentation
Instructor Demonstrations

AUDIENCE: Supervisors, Engineers, Managers and any other personnel involved in the operation of industrial electrical equipment. Safety personnel should also attend to evaluate their facility safety programs and identify the needs of their employees.

OBJECTIVE: This training program will provide the student with the information required to comply with the NFPA 70E and NEC requirements regarding arc flash protection.

TOPICS: Applicable NFPA 70E requirements
Hazards of an arc flash event
Proper use of safety equipment
Selection and use of protective clothing for arc flash protection
Care of Personal Protective Equipment
Arc Flash calculations
Labeling