

FUNDAMENTAL 55: NFPA 70E Arc Flash



Key Takeaways:

- Understanding the difference between arc flash and electric shock
- Understanding hazards, injuries, and indirect consequences related to arc flash and electric shock
- Comprehending the way approach protection boundaries are determined
- Connecting approach boundary criteria with worker qualifications
- Recognizing necessary training and skills for qualified workers
- Identifying the primary elements of an electrical safety program
- Understanding the purpose of lock and tag procedures
- Acknowledging different types of lock and tag devices
- Understanding basic procedural steps for lock and tag
- Learning the requirements for the use of test instruments and equipment
- Remembering the requirements, benefits, and components of a job briefing
- Observing the requirements, benefits, and components of an energized work permit
- Acknowledging PPE responsibilities and requirements related to work around energized electrical equipment and parts

Course Description

This course covers electrical regulations, arc flash/arc blast hazards, arc flash risk analysis, flash protection and approach boundaries, PPE and levels of protective clothing, and safe work practices to protect workers around live and exposed parts.