

ARC Flash Electrical Safety

NFPA 70E (4-Hour)Training Course



Friday, September 23, 2022

8:00 a.m. to 12:00 p.m.

ABC's Arkansas Construction Trades Academy
6 Collins Industrial Place | N Little Rock, AR 72113
(Back Building Facility)

Instructor:

David Ritter — *Ritter Safety & Facility Support*

Included with Training:

- Training Packets
- Certificate of Completion
- Employer Documentation Packet
- Certificate of Continuing Education Credit upon request

**\$175 Per Person
(ABC Members Only)**

Company: _____

Contact Person: _____

Email: _____

Attendee Names:

TOPICS INCLUDED IN THIS COURSE:

- Overview and explanation of Arc Flash and Shock Hazards.
- Real-world, practical examples that illustrate the need and effectiveness of NFPA 70E & OSHA Electrical Safety & LOTO Requirements.
- Relationship and differences between NFPA 70E, NFPA 708, NFPA 70 & OSHA.
- General Electrical Safety Requirements for all employees.
- OSHA and NFPA 70E Justification for Energized Work.
- Arc Flash Labeling Requirements including Explanation and Proper Interpretation.
- Shock Hazard Risk Assessments.
- Limited and Restricted Approach Boundaries for Shock.
- Detailed instruction regarding the use and care of, rubber insulated, voltage-rated gloves.
- Insulated tools and other voltage-rated materials.
- Arc Flash Hazards.
- Arc Flash Boundaries.
- Arc Flash Hazards with covers on and/or doors closed vs. covers off and/or doors open.
- Arc Flash Risk Assessment Procedures.
- PPE Selection for when the Incident Energy Analysis has been performed.
- PPE Selection for when the PPE Category Method must be used.
- Proper care and maintenance of Arc Flash PPE.
- Job Safety Plan Requirements.
- Energized Electrical Work Permits (EEWP).
- Host Employer & Contract Employer Responsibilities.
- Electrical Safety Program Requirements.

This course is not just meant for electricians, but for all employees that deal with electrical work or may be exposed to potential arc flash hazards, including but not limited to facility managers, plant or manufacturing personnel, and maintenance personnel. It is also for safety directors employed by companies that deal with electrical work.

RESERVATIONS ARE REQUIRED.

Email reservations to megan@abck.org or call 501.812.0828 by Friday, September 9, 2022.

Companies will be invoiced after the class.

Reservations not cancelled 72 hours prior to event constitute a financial commitment.