



ATTEND LIVE INSTRUCTOR LED ELECTRICAL SAFETY TRAINING BY ENTERING OUR WEB BASED CLASSROOM.

BCH is offering our great instructor led classroom training via a web link. This is the perfect solution for companies who need and want high quality NFPA 70E based electrical safety training with the convenience of the internet.

Completely Interactive

Our web-based classroom training will engage students using the same teaching methods that we employ in our face-to-face setting. Students will be able to engage in conversation, share their experiences and ask questions. The instructor will use visual demonstrations, case studies, white boards, and classroom exercises to keep the students engaged creating an atmosphere of learning.

What will we learn?

Our Electrical Safety in the Workplace training is specifically designed to meet the NFPA 70E training requirements for employees who work on or near energized electrical equipment.

This course will provide electrical workers with the knowledge and skill needed to recognize the shock and arc flash hazards that they encounter in their daily work activities. The students will understand the decision-making process necessary to assess the associated risk, perform job safety planning, select the appropriate risk control methods, including the proper use of PPE.

This course includes documented tests and hands-on sessions designed to meet the OSHA and NFPA 70E requirements for qualified worker training.



Course Description

At the completion of the training the employee will be able to:

- Describe the types of electrical hazards present in the workplace
- Identify the OSHA regulations that pertain to electrical safety
- Explain an OSHA Consensus standard
- Describe how electricity affects the human body
- Explain the difference between step and touch potential
- Describe the methods of Safe Contact Release
- List the hierarchy of risk controls
- Define a qualified person
- Perform the steps required to create an electrically safe condition
- Identify the proper test instrument
- Recognize the Limits of Approach
- Describe protective barriers and shields
- Describe alerting methods
- Describe the methods used to select insulating gloves
- Test insulating gloves
- Recognize insulating tools
- Describe the requirements for flexible cord use, maintenance and inspection
- Explain the requirements for a job brief
- State the requirements for performing energized work
- Define an arcing fault
- Describe the hazards associated with arc flash/blast events
- Identify common arc flash hazards
- Understand how to read an arc flash warning label
- Understand the relationship between time, fault current and incident energy
- Determine personal protective equipment requirements based on incident energy
- State the care and maintenance requirements of electrical personal protective equipment
- Identify the rating, use and limitations of arc flash personal protective equipment
- Perform an arc flash and shock hazard risk assessment



Length of Class and What's Included

BCH will Provide

- One day (6 contact hours) of live instructor led training
- A hard copy of our 86-page electrical safety instruction manual. This manual was developed by our staff of Professional Engineers and NFPA Certified Electrical Safety Compliance Professionals. Students will use this manual to follow along with the lesson material being presented and can be used as a future reference for safe electrical work practices.
- Our Electrical Safety Job Aids such as Energized Electrical Work Permits, Pre-job brief cards, Arc flash and shock hazard PPE Poster, etc.
- Each student will receive a completion certificate. Employers can receive a student sign-in sheet for their records as requested.

Optional:

One copy of NFPA 70E Standard for Electrical Safety in the Workplace®, 2018 Edition will be provided. Additional copies can be purchased for \$80.00 per student or you can provide your own additional copies.



Meet our Instructor

Brian Hall CEMSCP – Lead Electrical Instructor

Nuclear Trained and Certified Electrical Safety Compliance Professional

Brian's extensive training and qualifications as an electrical instructor at the Perry Nuclear Power Plant have provided him the experience to teach safety protocols at a very high level of effectiveness to anyone in the manufacturing industry. Additionally, his background in adult education has given him insight into customizing his training to the individuals in each class, resulting in much higher engagement and retention of the material.



“If there's one thing I've learned in my many years of training, it's that different people from different backgrounds absorb these principals uniquely. Workers can be exposed to significant risks, so I make sure that I customize the training to the audience, so that it's ingrained and they're able to get back home to their families safely each day.” — Brian Hall

Need More Information?

Visit us at www.bchsafety.com

Call or email Jeanne Hall Training Coordinator

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