



## Certified Qualified Electrical Worker

32 Hours / CEU's

Course Fees: \$895.00

Note: Refresher certification is required every three years to maintain professional credential.) Renewal Fee: \$150.00

Prerequisite: None.

### Program Objective

Our Qualified Electrical Worker (QEW) training program helps the employer meet training requirements established in OSHA regulations and NFPA standards. This program assures both the employer and the electrical worker that proper attention and training have been given to the employee concerning potential electric shock, fire, and arc flash hazards.

Based on NFPA 70E, workers attending this course will gain an immense respect for the power of electricity. They will learn about personal safety for working on or around electrical systems and equipment, how to use proper materials and procedures for doing electrical work - and the potential consequences for themselves or others if they do not.

Taught as if they were our own employees, workers are given practical instruction that they can immediately apply when they go back to their workplace. This course also helps companies' meet their OSHA training obligations as outlined in CFR 1910.331-335.

This program is a must for anyone who works on or around any electrically energized equipment at industrial plants, utilities or commercial and private building facilities. From machine operators and janitorial personnel, to maintenance workers and experienced electricians - anyone who comes in contact with electrical equipment must receive electrical safety training to be in compliance with OSHA.

### Program Agenda

- How to identify electrical hazards

- “Qualified” vs. “Unqualified” electrical workers
- Safe approach distances to exposed electrical conductors
- PPE (Personal Protective Equipment) for electrical safety
- Proper work practices in wet locations containing electricity
- Lockout/Tagout procedures for electrical equipment
- Safety requirements for electrical installations
- How OSHA Rules apply to your job & workplace
- NFPA 70E significant changes for 2012
- Energized Electrical Work Permit
- Flash Protection Boundary and Limits of Approach
- NFPA 70E Boundaries and Spaces
- Flash Protection Calculations

#### Testing:

Students completing the course must take a proctored final exam. A score of 80% on the final exam is necessary to receive your professional credential. The student gets three (3) attempts to pass the course