

# HIGH VOLTAGE SAFETY

## 600 VOLTS & ABOVE

WE IMPROVE WORKPLACE SAFETY & PERFORMANCE

### TRAINING DESCRIPTION:

High Voltage Safety covers the key aspect of OSHA's standard for generation, transmission, and distribution, 29 CFR 1910.269. This standard applies to organizations that either generate electricity or transmit energy to others. It also applies to organizations that have their own sub-stations or electrical distribution systems.

During this program you will learn to recognize and avoid unsafe work areas. You will also learn correct approach distances. Upon completion, you will have a better understanding of proper voltage rated tools and the use of proper personal protection equipment. By educating workers on issues central to the safe performance of their every day jobs, loss of life or serious injuries can be reduced and eliminated from your workplace. Your safety and the safety of your co-workers depend on it!

### TRAINING BENEFITS:

- Increase your safety awareness.
- Learn how OSHA Standards can work for you.
- Be able to spot hazards and avoid accidents.
- Possibly prevent the death or injury of a co-worker or yourself.

### TRAINING TOPICS:

#### ELECTRICAL HAZARDS

- Electric Shocks, Arcs, and Blasts
- Fault Current and Potential Difference

#### 29 CFR 1910.269: ELECTRIC POWER GENERATION, TRANSMISSION, & DISTRIBUTION

- Job Briefing Requirements
- Hazardous Energy Control (lockout/tagout)
- Switching Procedures
- Clearance Procedures
- Personal Protective Equipment (PPE)
  - Arc-Rated Clothing
  - Rubber Protective Equipment
- Live-Line Tools & Testing Requirements
- Working On or Near Exposed Lines
- De-energizing Lines and Equipment
- Personal Protective Grounding
- Sub-station Safety
- Special Conditions
  - Capacitors
  - Current Transformers
  - Potential Transformer Hazards
  - Fuse/Relay Coordination

#### CLASS DISCUSSION AND REVIEW



CLASS SIZE: UP TO 20  
CLASS LENGTH: 6 HOURS  
CLASS NUMBER: N\_E511

