



A. Vincent May, Inc.

Electrical and Mechanical Training

NFPA 70E • NEC • Conveyors • Fluid Power • Hydraulics • Pneumatics • 3- & 5-Axis

Contact Kathy May

(270) 978-4067

kathy@vincemay.com

OSHA / NFPA 70E™ ELECTRICAL SAFETY

Real-World Training at Your Facility & Online

Training that engages and inspires

Classes are structured to provoke thought and discussion so what the students learn in class can be immediately put to work on the job.

Classes cover the effects of electric shock, arc flash, arc blast hazards, and recent developments in electrical design and Personal Protective Equipment (PPE).

Our Instructors Don't Just Read Slides

Watch how your employees respond to an instructor with wide-ranging, real-world experience who understands what they face on the job.

TWO-DAY QUALIFIED EMPLOYEE COURSE

For qualified employees who have not previously had our electrical safety class

2021 NFPA 70E

- Learn how to find the information you need
- Overview of the 2021 changes

OSHA 29 CFR 1910.331-335

- Based on Federal regulations
- Qualified person training requirements
- Understand the relationship between OSHA and NFPA 70E
- OSHA requirements for lockout/tagout (LOTO)

Understanding Electrical Hazards

- Shock, arc and blast
- Touch and step potential
- Fault current
- Grounding and bonding
- Overcurrent protection

Safe Work Practices

- Determine risk level using hierarchy of controls
- Identify exposed live parts and nominal voltage
- Restrictions for working on exposed energized electrical components
- Recognize and manage approach boundaries, including use of barricades
- Determine flash boundaries
- Correctly select and maintain PPE clothing, gloves and tools
- Lockout/Tagout
- De-energizing equipment and releasing victims
- Effective grounding
- Safe work practices, including cords and GFCI's
- Job briefings, safety planning, risk mitigation and electrical safe work permits

ONE-DAY REFRESHER COURSE

A review of the above items for qualified employees who have attended our electrical safety class

FOUR-HOUR AWARENESS COURSE

For managers, supervisors and other administrative personnel and people like operators who do not use meters or gloves and do not open doors, but who perform lockout/tagout of electrical disconnects for equipment and similar tasks or supervise those that do

- General review of electrical boundaries and appropriate PPE for their tasks
- De-energizing equipment
- Releasing victims
- Safe work practices, including cords and GFCI's

ONLINE AVAILABILITY

Our arc flash safety classes are available for online delivery hosted on the WebEx platform. Post training exam and reporting is included.