

Lockout /Tagout and Meters for Maintenance Technicians



This course is designed to give the technician the most in-depth electrical LOTO training in the industry and to give those who lockout machines out the information they need to safely and effectively perform lockout on their equipment.

Students will gain an understanding of Lockout requirements, and best practices, and will leave with an better understanding of performing lockout the right way vs. the wrong way.

This course also covers the safe use of meters and test equipment to verify a zero energy state after lockout/tagout.

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Course Topics and Objectives

Lockout/Tagout

- What is Lockout/Tagout
- Why is Lockout/Tagout important
- When to Apply Lockout/Tagout
- Interlocks vs. Lockout/Tagout
- Why do Accidents Happen
- What Roles do we have in a Lockout/Tagout Process
- Identifying Lockout/Tagout Energy Sources
- What are Lockout/Tagout Programs & Procedures
- What are the Lockout/Tagout Steps & Applications
- Explain Group Lockout/Tagout
- How to incorporate a Shift & Personnel Change
- How to Test & Adjust Machines
- Managing Contractors
- Management Changes

Meters - HANDS ON

- Safety
- DMM Abbreviations, Symbols, and Terminology
- DMM Displays
- DMM Advanced Features
- Measuring AC Voltage
- Measuring DC Voltage
- Measuring Resistance and Continuity Testing
- Measuring AC and DC Current
- Introduction to Ohm's Law and Power Formula
- Measuring Frequency and Duty Cycle
- Testing Diodes
- Measuring Capacitance
- DMM Accessories
- DMM Selection

Lockout /Tagout and Meters for Maintenance Technicians

Who Should Attend:

- Energy management personnel
- Apprentice and experienced HVAC technicians
- IT Technicians
- Fire Alarm Technicians
- Electricians
- Multi-craft personnel
- Plant & facility maintenance technicians
- Building engineers
- Building managers & superintendents
- Plant & facility managers
- Stationary engineers
- Anyone who works with electrical systems and circuits.

Onsite Training:

- We offer onsite training at your facility.
- We can provide the same courses as we offer in public seminars. We can even design courses especially to meet your needs.

Advantages of On-Site Training:

- Modify the content to your specific needs
- Protect company privacy
- Workers remain on site in case of an emergency
- Saves time and travel costs
- Instructors can discuss your specific equipment
- Problems can be openly discussed
- Flexible scheduling
- Increased price savings as the groups get larger
- Promote teamwork & camaraderie among workers
- More comfortable learning environment

Class Options:

2 Day Class

- Lockout/Tagout and Meters for Maintenance Technicians

2 Day Class

- Arc Flash Electrical Safety NFPA 70E

3 Day Class

- Arc Flash Electrical Safety NFPA 70E with Arc Safe Certification