

Course Overview:

A well-trained low voltage electrical maintenance staff, coupled with the performance of regular industrial electrical maintenance tests, is critical to ensuring safe, reliable operation. Use the low voltage electrical maintenance training to raise awareness of potential hidden problems in your low voltage electrical systems before they grow to become disasters

Course Objective:

- Essential on-boarding and refresher training
- Move from a repair/replace focus to predictive/preventative maintenance
- Improved safety and enhanced productivity
- The knowledge and training needed to keep pace with best practices and electrical technological change
- Evolve to multi-craft performance and efficiency

Course Outline:

- Electrical Safety
- Basic Diagrams and Symbols
- Construction of AC and DC Circuits
- Maintenance of Low-Voltage Circuit Breakers
- Basic Electrical Diagrams
- Basic Control Circuits
- Industrial Switches
- Batteries
- Voltage and Current Principles
- Using Electrical Test Equipment
- Conductors and Insulators
- Boxes and Fittings
- Commercial and Industrial Wiring
- Installation of Electrical Services
- Grounding
- Ground Fault Circuit Interrupters
- Troubleshooting Systems and Circuits

Who Should Attend:

- Electrical Maintenance Mechanics, Electrical Technicians, and Electricians
- Employees associated with the management of electrical services and systems for equipment and facility services

Training Language:

Eng

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation