

TINSON TRAINING COURSES

Electrical Machinery Maintenance Training

The Electrical Maintenance Training course is ideal for people who need to carry out maintenance activities on equipment who have no electrical qualifications.

Duration: Three Days

Typical Participants: This course is designed for your non electrical staff who are carrying mechanical maintenance or servicing of equipment and where you would like them to expand into dealing with electrical equipment.

General Information: The three day course allows more time to go into more depth in relation to maintaining and repairing industrial electrical equipment. It will cover all the topics of the to day course but will allow more time to understand the principles behind electrical circuits. This course will cover more technology such as variable speed drives and PLCs.

Typical Content:

- Basic Electrical Principles
- Simple Electrical Circuits
- Tools and Equipment
- DC Supplies
- AC Supplies -Single and Three Phase
- Motors (Single and Three Phase, DC)
- Typical Electrical Components (Contactors, DC Power Supplies, Transformers, relays etc)
- Control Systems
- Understanding Electrical Diagrams
- Inverter Drives
- Principles of PLCs
- Fault Finding around PLC controlled equipment
- Fault Finding Techniques
- Enhanced circuits principles
- Safety and Emergency stop circuits
- Studying Circuit Diagrams of your equipment
- The Dangers of Electricity and Safe Working Practices
- The Electricity at Work Regulations 1989

Courses can be delivered at your site within the UK and Ireland



TINSON TRAINING
Specialists in Electrical Training

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