



TINSON TRAINING



ELECTRICAL TRAINING COURSES

ON SITE AND COURSES



Tinson Training Ltd

Tinson Training is a limited company registered in England and Wales, registration number 6489097. The company was formed in 2008.

We aim to deliver training courses that are not only useful and totally relevant to the attendees but also interesting and enjoyable. All our trainers are accomplished teachers and tutors and vastly experienced in their field.

All courses are assessed so that competence and level of understanding can be certified and all successful attendees will gain a Certificate of Successful Completion.

This brochure provides details of courses that have been honed to provide the best possible training to ensure an immediate improvement in skills and abilities. However all these courses can be adjusted and customised to ensure that they meet the exact needs of our clients. We have delivered training to a wide range of UK based businesses from small privately owned to multinational companies. We are proud in a number of cases of being the preferred supplier on Electrical Training and several of our clients come back to us time and time again for repeat training when they have acquired new staff.

We are very familiar with the scenarios for which our clients need to fulfil their training needs and our trainers are well prepared to deliver first class training.

We operate throughout the UK and Ireland and when delivering training in Ireland we relate to the relevant Irish Statutory requirements.

In response to information about our courses we will send a formal proposal outlining all the details of the course including prices. In some cases we may have technical discussions with clients to establish their training needs and any modifications to the details in the courses included in this brochure will be reflected in the proposal that we send.

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The dates of the courses are agreed between ourselves and the client and once an order has been placed we will confirm that order confirming the course, the date(s) and the cost. We contact the client just prior to the date of the course for any final arrangements.

Contact Details

We can be contacted by

Visiting www.tinsontraining.co.uk

Calling 0333 939 8545

or

Emailing contact@tinsontraining.co.uk

“As owner and creator of Tinson Training I wholeheartedly believe in ensuring customers receive training that is second to none. I have absolute confidence that our trainers will deliver training very professionally whilst making use of their vast amount of experience so that attendees are better for attending our courses”

Brian Tinson

Owner Director

Tinson Training

Course List

Select a Course to View

1. Electrical Safety Awareness
2. Electrical Site Maintenance
3. Electrical Panel Entry
4. Electrical Machine Maintenance 1 (Two Days)
5. Electrical Machine Maintenance 2 (Three Days)
6. Electrical Isolation
7. PAT Testing (Inspecting and Testing Electrical Equipment)
8. Electrical Fault Finding
9. Basic Electrical Safety
10. On Line Virtual Courses
11. Bespoke Courses



Electrical Safety Awareness

Overview

The Electrical Safety Awareness Course covers the basics of electricity, the dangers of electrical systems and the systems and procedures that are used to keep people safe.

Typical participants are wide ranging and the course is useful for any person that has a responsibility for electrical safety. These may include maintenance and service engineers, facilities maintenance personnel, electrical assemblers and many others who need to be aware of electrical dangers.

Typical Content

- Basic Electrical Principles
- The Dangers of Electricity
- Safe Working Practices
- Protection From Electric Shock
- Excess Current Protection
- The Importance of Safe and Secure Electrical Connections
- Electricity at Work Regulations 1989
- Inspecting and Checking Electrical Equipment for Safety

Duration

One Day Course (Typically 7 hours)



Electrical Site Maintenance

Overview

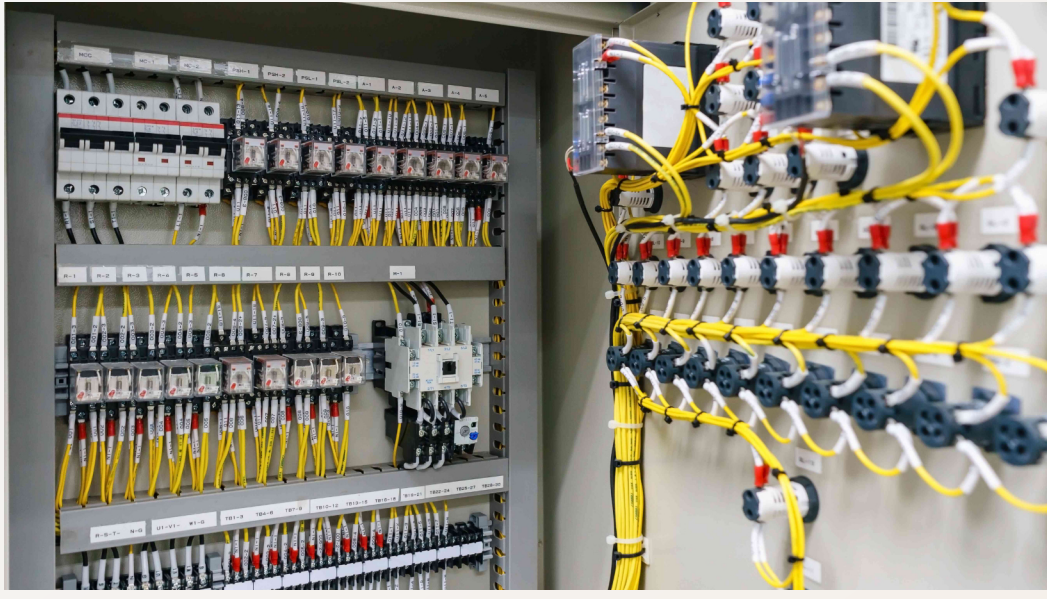
The Electrical Site Maintenance Course is ideal for those people who maintain buildings or sites who have not previously received any electrical training. This training is designed to give attendees the knowledge and skills to make 'like for like' replacements such as sockets, switches, light fittings etc.

Typical Content

- Basic Electrical Units and Principles
- Fundamentals of Electrical Circuits
- Fault Finding Tools, aids, test equipment and their correct use
- Circuits in buildings (power, lighting, heating etc)
- Electrical Circuit Protection (MCBs, Fuses and Distribution Boards)
- Protection From Electric Shock
- Lighting Circuits and Equipment
- Power Circuits (Ring and Radial Circuits)
- Appliances and Ratings
- Replacing Like for Like Components (light fittings, sockets, switches)
- The Dangers of Electricity and Safe Working Practices
- Electrical Isolation Procedures
- Typical Faults, their Causes and Rectification
- Understanding Limitations
- Awareness of Wiring Regulations
- The Electricity at Work Regulations 1989

Duration

Two Days.



Electrical Panel Entry

Overview

The Electrical Panel Entry Training Course is designed for factory production staff in a manufacturing environment (typically those in a supervisory role) who would benefit from training to enter electrical panels to reset trips and overloads or make adjustments.

Typical Content

- Basic Electrical Quantities and Units
- Simple Electrical Circuits
- Overview of Voltages within Electrical Panels
- Understanding the Causes of Tripped Out Circuits
- Entering Electrical Panels to reset trips and make adjustments
- Protection From Electric Shock
- The Legal Implications and Requirements
- Understanding Limitations and Restrictions

Duration

This course is around 5 hours in duration. Typically from a 9.00am start this course would end mid afternoon.



Electrical Machine Maintenance 1

Overview

The Electrical Machine Maintenance Training course is ideal for people who need to carry out electrical maintenance, fault finding and repairs on industrial machinery who have no electrical qualifications. Attendees are likely to be working on process control and manufacturing equipment.

Typical Content

- Basic Electrical Principles and Simple Electrical Circuits
- Electrical Supplies (DC, Single and Three Phase)
- Typical Electrical Components (Contactors, DC Power Supplies, Transformers, relays etc)
- Motors (Single and Three Phase)
- Simple Control Circuits
- Understanding Electrical Diagrams
- Using a Multimeter
- Fault Finding Techniques
- The Dangers of Electricity
- Safe Working Practices and Electrical Isolation Procedures
- The Electricity at Work Regulations 1989

Duration

Two Days.

[Back to Course List](#)



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Electrical Machine Maintenance 2

Overview

The Electrical Machine Maintenance Training course is ideal for people who need to carry out electrical maintenance, fault finding and repairs on industrial factory machinery who have no electrical qualifications. Attendees are likely to be working on process control and manufacturing process equipment. This course expands on the two day course to cover more circuit analysis and electronic control.

Typical Content

- Basic Electrical Principles and Electrical Circuits
- Electrical Supplies (DC, Single and Three Phase
- Motors (Single and Three Phase, DC)
- Typical Electrical Components (Contactors, DC Power Supplies, Transformers, relays etc)
- Control Systems and Understanding Electrical Diagrams
- Inverter Drives and Principles of PLCs
- Fault Finding Techniques
- Electrical Control Circuits
- Safety and Emergency Stop Circuits
- Studying Circuit Diagrams of your Equipment
- The Dangers of Electricity
- Safe Working Practices and Electrical Isolation Procedures
- The Electricity at Work Regulations 1989

Duration

Three Days.

NOTE: This 3 day course is an enhanced version of the Machine Maintenance 1 two day course. (Machine Maintenance 1 and 2 are not two separate courses). Delegates who have attended the 2 day course could attend a further one day course to attain this level.

[Back to Course List](#)



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Electrical Isolation

Overview

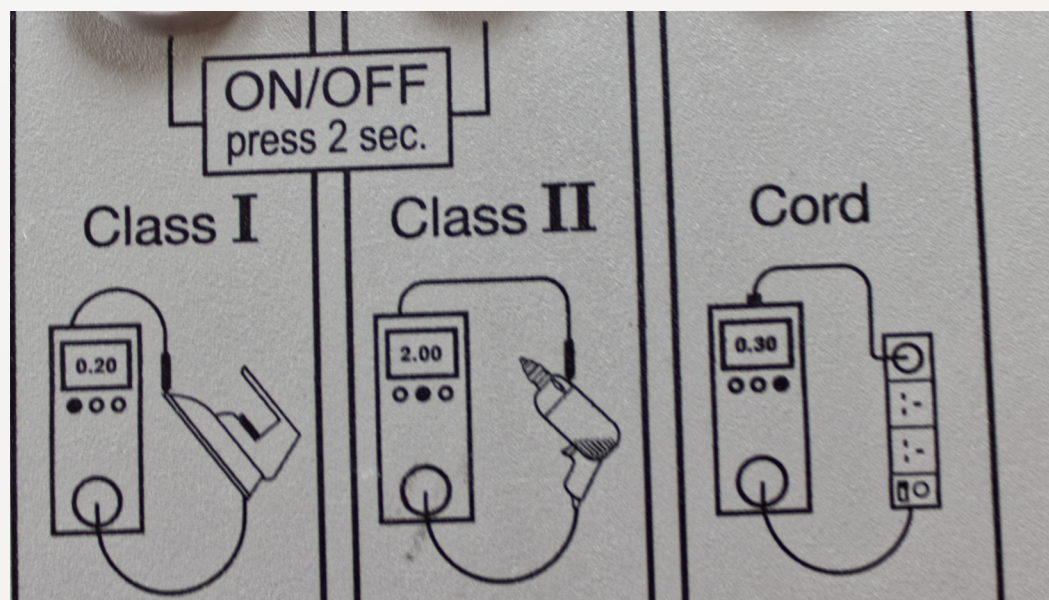
Electrical Isolation is aimed at any person who has the responsibility for isolating electrical supplies whether it be for electrical or non-electrical work. Whilst this training will cover some basic electrical principles and the dangers of electricity, it will ensure that the attendees know the correct procedures to follow to work safely and within the requirements of the law.

Typical Content

- Basic Electrical Principles related to dangers
- Electrical Hazards
- The requirements for Electrical Isolation
- Electrical Isolation Methods and Procedures
- Tools and Equipment Needed to Carry Out Electrical Isolation
- Your own Isolation Procedures (if they are available)
- The Electricity at Work Regulations

Duration

Half Day (4 hours).



PAT Testing

Overview

PAT Testing (or more accurately Inspecting and Testing Electrical Equipment) is for those people who need to carry out Ad hoc PAT testing within their company.

Typical Content

- Basic Electrical Units and Principles
- Electrical Dangers Associated with Faulty Equipment
- The Electricity at Work and other Relevant Regulations
- In Service Inspection and Testing Codes or Practise
- Categorising the Equipment
- Frequency of Inspections and Testing
- Inspecting Electrical Equipment
- Testing Electrical Equipment (Use of a PAT Tester)
- Records and Documentation

Duration

One Day



Electrical Fault Finding

Overview

Electrical Fault Finding is a training course intended for those people who have to maintain specialised electrical equipment. Such equipment may include photocopiers, gym equipment, inspection equipment etc.

Typical Content

- Basic Electrical Principles
- Electrical Circuit Protection
- Electrical Supplies (DC, Single and Three Phase)
- Protection From Electric Shock
- Understanding Electrical Diagrams
- Fault Finding Techniques
- Using a Multimeter and Clamp Meter
- Testing components (these will be relevant to your equipment) •
- The Dangers of Electricity and Safe Working Practices

Duration

Two Days



Basic Electrical Safety

Overview

Basic Electrical Safety is aimed at those people who have an overall responsibility for safety such as Office managers, Health and Safety Managers, Directors and Owners of businesses.

Typical Content

- Basic Electrical Principles
- Relating the Basic Principles to Electrical Dangers
- The cause and effects of Electric Shock
- Understanding Excess Current Protection
- Routine Inspecting of Electrical Equipment
- Overview of PAT Testing
- Responsibilities of Appointed Persons
- Legal Requirements
- Electricity at Work Regulations 1989 Overview

Duration

Four Hours



On Line Virtual Courses

Overview

Where it is difficult to get attendees together in one location (such as service engineers) or we are unable to get a trainer to your location, we can offer On-Line Courses.

Typical Courses

The following courses can be run as On Line

Electrical Safety Awareness

Electrical Panel Entry

Electrical Isolation

Electrical Safety Refresher Courses

Basic Electrical Safety

Electrical Safety Refresher Courses

For those who have attended our courses we offer a 3 hour Electrical Safety Refresher Course which will be assessed and certificated. This course will essentially consist of reminders of Electrical Dangers and Safe Working Practices.



Bespoke Courses

Special Custom Designed Courses

The courses detailed in this brochure are fairly standard courses that meet the needs of many of our clients. However we are very willing to listen to the training needs of potential clients and design unique courses.

We have done this for clients on numerous occasions and has often involved working on specific items equipment which our clients wish their staff to learn more about.

Our trainers are very experienced and therefore able to understand how equipment functions.

We do not charge exorbitant prices for these courses either.

We take pride in working along side our clients to achieve an improvement in skills and enjoy long term training and staff development projects.

We embrace technology to develop on line / remote learning opportunities to design learning methods that create real usable change in people.

Call us to discuss your training needs.