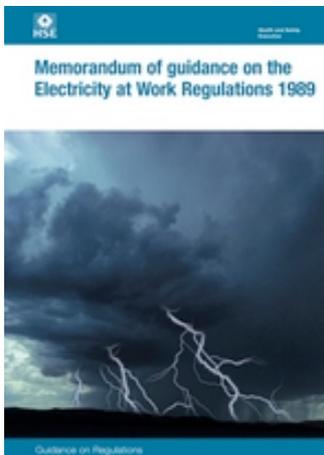
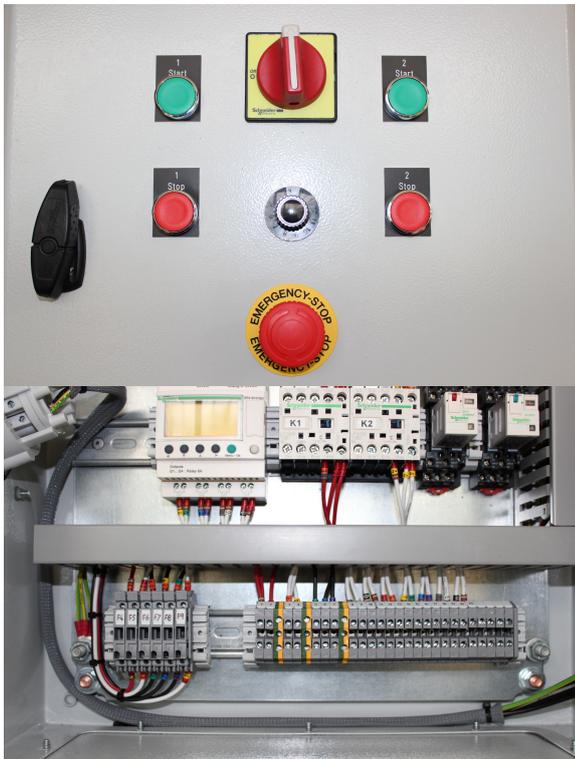
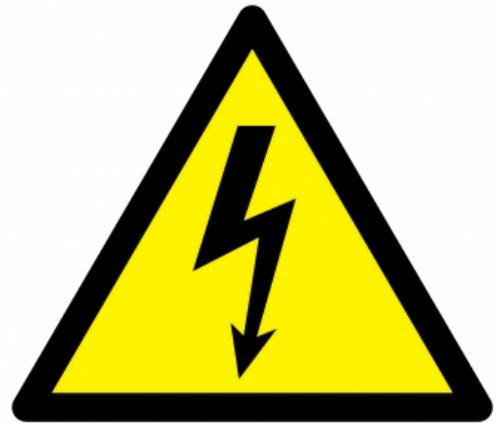


Electrical Training Courses

- Delivered on Site
- Bespoke to your needs
- Interesting, Enjoyable and Very Useful



TINSON TRAINING
Specialists in Electrical Training

www.tinsontraining.co.uk
Tel: 01952 403612
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ELECTRICAL TRAINING COURSES

Electrical Safety Awareness Training (One Day Course)

Delivered at your location anywhere throughout the UK

The Electrical Safety Awareness Training Course is for those people who need to work on electrical equipment who either have no electrical qualifications or those who need a reminder of electrical dangers and safe working practices.

Typical Participants: Any person who needs to carry out electrical tasks from the simple to the more complex who should be fully aware of electrical dangers and how to work safely.

General Information: This course will be customised to your requirements and will relate to the type of activities that people need to carry out. The course attendees will be assessed upon completion of the course so that you can be assured that they have learnt. The course will be certificated as 'Successful Completion' and will therefore be invaluable for health and safety purposes.

Typical Content:

- Electrical Quantities and Units
- Simple Electrical Circuits
- Electrical Supplies (DC, Single and Three Phase)
- Electrical Circuit Protection Methods (Earthing, MCBs, Fuses, RCDs)
- Typical Electrical Hazards
- Safe Working Practices including Electrical Isolation
- Making Safe and Secure Electrical Connections
- Electricity and the Law - An overview of regulations currently in force.

Course costs are dependent on your location and the number of attendees.

Tinson Training delivers courses to a wide selection of UK businesses, delivered on site and customised to ensure that it meets the exact needs of the attendees.

ELECTRICAL TRAINING COURSES

Electrical Isolation Training (4 hours)

Delivered at your location anywhere throughout the UK

The Electrical Isolation Training Course can be delivered anywhere within the UK and will be customised to your exact requirements dealing with your specific Isolation Requirements

Typical Participants: Electrical Isolation is aimed at any person who has the responsibility for isolating electrical supplies whether it be for electrical or non-electrical work.

General Information: This training course ensures that the attendees have a basic understanding of electricity such they appreciate the need for electrical safety by isolating electrical supplies before work is carried out

Typical Content:

- Basic Electrical Principles
- Electrical Hazards
- The Principles of Electrical Isolation
- Electrical Protection Devices used for Isolation
- Your own Isolation Procedures / Permits etc.
- Electricity and the Law - An overview of regulations currently in force.

Course costs are dependent on your location and the number of attendees.

Tinson Training delivers courses to a wide selection of UK businesses, delivered on site and customised to ensure that it meets the exact needs of the attendees.

ELECTRICAL TRAINING COURSES

Basic Electrical Awareness Training (One Day Course)

Delivered at your location anywhere throughout the UK

The Basic Electrical Awareness Training Course is a general course appropriate for a wide range of people who need to carry out some form of electrical work. The work could involve electrical assembly, simple fault finding or any activity where an improved understanding of electrical systems would be beneficial

Typical Participants: Any person who needs a greater understanding of electricity, electrical systems, dangers and safe working practices

General Information: This course will be customised to your requirements and will relate to the type of activities that people need to carry out. The course attendees will be assessed upon completion of the course so that you can be assured that they have learnt. The course will be certificated as 'Successful Completion' and will therefore be invaluable for health and safety purposes.

Typical Content:

- Electrical Quantities and Units
- Simple Electrical Circuits - how they work
- Electrical Supplies (DC, Single and Three Phase)
- Electrical Circuit Protection Methods (Earthing, MCBs, Fuses, RCDs)
- Typical Electrical Hazards and Safe Working Practices
- Common Electrical Problems - their symptoms, causes and remedies
- Understanding energy demands and electrical power consumption
- Electricity and the Law - An overview of regulations currently in force.

Course costs are dependent on your location and the number of attendees.

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ELECTRICAL TRAINING COURSES

Electrical Maintenance Training (2 or 3 Day Course)

Delivered at your location anywhere throughout the UK

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

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

Tinson Training Electrical Maintenance Training Courses are designed with the Maintenance and Service Engineer in mind. Our courses will cover the fundamental principles of electrical engineering in sufficient depth to enhance skills for fault finding.

During the course some of your equipment will be looked at in terms of studying electrical drawings and relating it to the actual equipment.

The training will focus on principles that have real application particularly for fault finding. Courses cover the minimum amount of maths and keep the trainees stimulated with real working examples.

Components such as motors, relays, sensors are covered with a view to be able to speedily diagnose a failed component, identify the operating specifications, locate a replacement part and fit a new one. Upon completion of Tinson Training programmes the trainees will feel an increased level of confidence to fault find and repair systems.

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)
- Control Systems
- Understanding Electrical Diagrams
- Inverter Drives
- Fault Finding Techniques
- The Dangers of Electricity and Safe Working Practices
- Electricity and the Law - An overview of regulations currently in force.

Course costs are dependent on your location and the number of attendees.



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ELECTRICAL TRAINING COURSES

Electrical Maintenance for Sites / Buildings (1-2 Day Course)

Delivered at your location anywhere throughout the UK

The Electrical Site / Property Maintenance Training Course is for those people who carry out maintenance on buildings and sites who are not electrically qualified but need to carry out simple electrical maintenance tasks.

Typical Participants: This course is intended for those people whose role involves the maintenance of buildings or sites. It is ideal for a person who needs to look after the first line maintenance in offices, retail outlets, schools etc.

General Information: It is typical that those people who would attend this training would not possess electrical qualifications but they would become involved in simple electrical maintenance including resetting circuit breakers, relamping, replacing damaged sockets etc. The attendees are assessed at the completion of the course and those successful will be awarded a Certificate of Successful Completion

Typical Content:

- Basic Electrical Units and Principles
- Fundamentals of Electrical Circuits
- Circuits in buildings and property (power, lighting etc)
- Electrical Circuit Protection (fuses, MCBs, distribution boards)
- The Hazards of electricity
- Safe Working Practices including Electrical Isolation
- Protection from electric shock (earthing, RCDs)
- Making Safe and Secure Electrical Connections
- Electricity and the Law - An overview of regulations currently in force.
- Understanding Limitations
- Use of electrical test equipment
- Plant room Maintenance *

Course costs are dependent on your location and the number of attendees.

* Plant room maintenance would typically extend the course to 3 days

Tinson Training delivers courses to a wide selection of UK businesses, delivered on site and customised to ensure that it meets the exact needs of the attendees.

ELECTRICAL TRAINING COURSES

Introduction to Programmable Logic Controllers (1 Day Course)

Delivered at your location anywhere throughout the UK

The Introduction to Programmable Logic Controllers (PLCs) is a course designed to help people understand what a PLC is, how it works and how they are used.

Typical Participants: This course would be useful for maintenance or service engineers, equipment operators, production managers / supervisors who would like to understand more about a PLC.

General Information: The course will cover the typical functions of PLCs and show how they replace hard wired electrical control systems. The benefits and versatility of plcs is covered to the extent that the attendees can gain a greater understanding of their capability. It will be useful for people who have to maintain or replace plc controlled equipment

Typical Content:

- History and Background to PLCs
- Numbering Systems
- PLC hardware and architecture
- Analogue and Digital Systems
- PLC logic
- Programming (hands on experience of creating simple programs)
- Overview of programming methods
- Bus Systems

Course costs are dependent on your location and the number of attendees.

Tinson Training delivers courses to a wide selection of UK businesses, delivered on site and customised to ensure that it meets the exact needs of the attendees.

ELECTRICAL TRAINING COURSES

In Service Inspection and Testing Training (One Day Course)

Delivered at your location anywhere throughout the UK

The In Service Inspection and Testing of Electrical Equipment is designed for the person who practically needs to keep electrical equipment in a safe condition.

Typical Participants: Any person who has the responsibility to ensure that Electrical Equipment is in a safe condition.

General Information: This course enable attendees to carry out the process of Inspecting and Testing Electrical equipment ensuring that the participants understand sufficient electrical principles to be competent to carry out this work. It deals with a risk assessment approach to carrying out this activity to ultimately ensure that electrical equipment is kept safe in the most cost effective way.

Typical Content:

- Basic Electrical Units and Principles
- Electrical Dangers Associated with Faulty Equipment
- Electricity at Work Regulations and other relevant Legislation
- In Service Inspection and Testing Code of Practice
- Categorising Electrical Equipment
- Frequency of Inspection and Testing - A Risk Assessment Approach
- Inspecting Electrical Equipment
- Testing Electrical Equipment
- Records

Course costs are dependent on your location and the number of attendees.

Tinson Training delivers courses to a wide selection of UK businesses, delivered on site and customised to ensure that it meets the exact needs of the attendees.

ELECTRICAL TRAINING COURSES

In Service Inspection and Testing Training (Two Day Course)

Delivered at your location anywhere throughout the UK

The In Service Inspection and Testing of Electrical Equipment is designed for the person who practically needs to keep electrical equipment in a safe condition.

Typical Participants: Any person who has the responsibility to ensure that Electrical Equipment is in a safe condition and would like to be able to carry out simple repairs to equipment.

General Information: This course enable attendees to carry out the process of Inspecting and Testing Electrical equipment ensuring that the participants understand sufficient electrical principles to be competent to carry out this work. It deals with a risk assessment approach to carrying out this activity to ultimately ensure that electrical equipment is kept safe in the most cost effective way.

Typical Content:

- Basic Electrical Units and Principles
- Electrical Dangers Associated with Faulty Equipment
- Electricity at Work Regulations and other relevant Legislation
- In Service Inspection and Testing Code of Practice
- Categorising Electrical Equipment
- Frequency of Inspection and Testing - A Risk Assessment Approach
- Inspecting Electrical Equipment
- Testing Electrical Equipment
- Records
- Using Test Instruments
- Fault Finding Techniques
- Making safe and Reliable Electrical Connections
- Electrical Isolation
- Testing Electrical Components (Customised to your own equipment)

Course costs are dependent on your location and the number of attendees.

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ELECTRICAL TRAINING COURSES

Office Electrical Awareness Training (Half Day Course)

Delivered at your location anywhere throughout the UK

The Office Electrical Awareness Training Course is a course appropriate for someone looking after electrical equipment in an office environment.

Typical Participants: Any person who has the responsibility for the safe keeping of office equipment who may need to resolve electrical problems on occasions.

General Information: This course will deal with typical office equipment and problems although it will cover any specialist equipment if necessary. The course attendees will be assessed upon completion of the course so that you can be assured that they have learnt. The course will be certificated as 'Successful Completion' and will therefore be invaluable for health and safety purposes.

Typical Content:

- Electrical Quantities and Units
- Simple Electrical Circuits - how they work
- Single Phase 230V supply
- Protection from Excess Current (Circuit Breakers and Fuses,)
- Typical Electrical Hazards and Safe Working Practices
- Protection from Electric Shock (Earthing and RCDs)
- Common Electrical Problems - their symptoms, causes and remedies
- Understanding energy demands and electrical power consumption
- Inspecting and Testing Electrical Equipment
- Electricity at Work Regulations 1989

Course costs are dependent on your location and the number of attendees.

Tinson Training delivers courses to a wide selection of UK businesses, delivered on site and customised to ensure that it meets the exact needs of the attendees.