



## BASIC ELECTRICAL MAINTENANCE

**Cost:**

£750 +VAT

**Duration:**

5 days

**Entry requirements:**

None required

**Overview:**

This course covers:

- Identifying and using basic electrical components
- Isolating and testing supplies in line with the requirements of the EaWR and GS 38
- Using common electrical test instruments safely and efficiently
- Reading typical electrical drawings
- Reading motor rating plates
- Identifying and connecting industrial motors.



**Assessments:**

Observation and Questioning.

**Who is it for?**

Mechanical and other non-electrical maintenance staff.

**Aim:**

To enable non-electrical personnel to carry out simple electrical tasks safely and efficiently and be able to identify electrical faults.

**Method of delivery?**

Lecture demonstration hands-on exercise using real electrical tools and equipment.

**Objectives**

Upon successful completion of the course delegates will be able to:

- Use and Understand electrical terminology
- Apply the principles of electrical safety
- State the basic requirements of Electricity at Work Regulations
- Use and understand simple electrical drawings
- Recognise and select appropriate types of fuses
- Connect and disconnect industrial three phase motors
- Test industrial phase motors
- Use and fault find on simple electrical motor starting systems

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