



Basic Electrical Skills

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COURSE CONTENT

Aim

To give delegates basic knowledge and skills to carry out basic electrical tasks in the workplace.

Pre-requisites

Personnel with an electrical aptitude.

Course Duration

The course is of 5 - 10 days in duration.

Optimum Numbers

The optimum number for this course is 6.

Training Aids

TV, Video, Practical Assignments and Course Hand Outs.

COURSE SYLLABUS

- Basic electrical theory
- Electricity at Work Regs including safety requirements
- Overview of the IEE Regulations
- Cable sizing
- Circuit protection devices
- Measuring AC and DC Voltage
- Circuit and component testing
- Identifying and operating test equipment
- BS symbols and drawings
- Circuit discrimination
- Isolation and switching
- Three phase induction motors and testing
- Motor protection devices
- Motor control circuits
- Course audit and review

Dates available on request

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