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Electrical Maintenance Skills Basic

Duration: 3 Days

Pre-requisites: Basic engineering background

Maximum Delegates: 6

Brief Description

This City and Guilds accredited 9 day programme is offered across 3 parts, with the Basic, Advanced Stage One and Advanced Stage Two programmes each consisting of a 3 day programme. This is specifically structured to aid technicians progression and allows for suitable on-site consolidation of training prior to delivery of the next part. In addition, it assists the maintenance manager in meeting the legal requirements for employee competence in electrical work.

After the completion of the 9 days training we also offer an on site consolidation process which enables the practical skills learnt to be assessed in the workplace on a regular basis and ensures the engineer maintains the skills necessary to perform the job in hand

Course Content

IS THIS THE RIGHT COURSE FOR MY ENGINEERS?

Electrical Skills Basic - is ideal for technicians that are working in a maintenance environment. This is the first electrical course any delegate from a mechanical background should enrol on. No prior electrical knowledge is assumed.

The 3 day programme is designed for technicians who have no previous electrical background, to enable them to perform high frequency, low risk, first-line electrical maintenance tasks, including safe isolation, in a safe and effective manner.

This unit will raise awareness of the hazard and dangers associated with electrical equipment and machinery.

Successful completion of the programme will mean that the delegate will be able to demonstrate safe methods of work accordingly.

- Electrical Safety
- Basic Electrical Principles
- Use of multimeter and insulation resistance tester
- Single and Three-Phase supply systems
- Review of different types of protective devices
- Earthing and Bonding
- Safe Isolation procedures

City and Guilds Accredited 9950-05 in Electrical Maintenance Skills (Basic)

Delegates will undertake a 2 hour multiple choice assessment paper to test knowledge and understanding