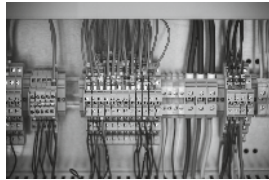
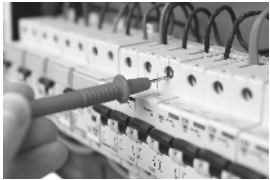


ELECTRICAL MAINTENANCE MODULE 1

Safe Working and Isolation of Industrial Electrical Equipment



WHO SHOULD PARTICIPATE?

Mechanical Maintenance – Fitters / Technicians / Engineers / Supervisors who are required or wish to develop their electrical maintenance competencies.

PREREQUISITES

No prior skills or knowledge required.

PROGRAMME BENEFITS

By the end of the programme participants will be able to:

- Work safely on electrical equipment under supervision as appropriate to the training undertaken
- Isolate electrical circuits and carry out basic electrical tasks in line with training received

THE PROGRAMME WILL COVER:

- Electrical safety
- Electrical symbols and drawings
- Electricity at Work Regulations
- Overview of 18th Edition Wiring Regulations [BS7671:2018]
- Identification of electrical and electronic components
- Use of electrical test equipment
- Safe isolation – 'Permit to Work' system
- Electrical techniques – use of cables, hand tools, terminations
- Introduction to AC motors
- Testing motor windings to identify any faults
- Introduction to motor control circuits
- Wire direct on-line circuit by following the schematic
- Testing of DOL circuit to prove safe and functional
- Introduction to fault finding techniques
- 1ph/3ph AC generation / DC generation
- Basic circuit properties, i.e. series and parallel, resistor circuits
- OHM's Law

ASSESSMENT

Internal written and practical assessment.

Upon achievement delegates will receive an EAL certificate of verified achievement.



DURATION

5 Days

PROGRESSION

Electrical Maintenance Module 2 - Fault Finding of Motor Control Circuits and Equipment.

OUR SERVICE LEVEL COMMITMENT

MGTS will ensure that:

- Your training and assessment programmes are delivered by Tutors highly experienced in the relevant subject matter and your industry
- The delivery of training and assessment will focus on your training objectives supported by up to date programmes and learning materials
- Your employees will receive training designed to meet their personal learning needs with additional support where appropriate
- Training programmes are delivered with your requirements as the focus ensuring total flexibility and on time delivery
- Your employees benefit from a healthy, safe and secure learning environment ensuring equality of opportunity and diversity of contribution to enhance the learning experience
- You and your employees are given support to achieve high quality personal learning and successful learning transfer to the workplace
- The confidentiality of your business development needs is maintained throughout

BOOKINGS & PAYMENTS

Bookings must be confirmed with either a purchase order or full payment to secure the booking.

New customers will be required to complete a new customer application form to open a credit account. Credit account customers will be invoiced upon booking; our standard payment terms are 30 days unless otherwise agreed in advance.

Payment can be made by credit card or BACS/ bank transfer.

Payment must be received 7 days in advance of the course start date (for non- account customers).

CANCELLATION POLICY

Where courses are under subscribed MGTS may cancel or re-arrange a course at their discretion. Customers will be notified no later than 10 working days prior to the planned commencement date.

MGTS accepts customer cancellations without charge up to 7 days prior to commencement of training. Cancellation less than 7 days will incur a 50% course fee. Cancellations with less than 24 hours' notice will incur a 100% course fee.

Transfers to alternative course dates will not incur any additional charge to the customer if the transfer is made up to 7 days prior to commencement of training.



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