

MECHANICAL TO ELECTRICAL CONVERSION

CITY & GUILDS ACCREDITED (MEC)



Course Overview:

This City & Guilds accredited course has been developed to provide delegates with a basic knowledge of electrical theory as well as an understanding of electrical machine principles and isolation requirements of electrical plant for mechanical work.

Who Is This Course For:

This course is aimed at those working within a mechanical and electrical environment who would benefit from increased awareness of electrical principles and practices as part of their current role. It is also a good foundation course for those likely to undertake other electrical courses.

Key Learning Areas Covered in This Course:

- Requirements of the Electricity at Work Regulations and dangers of electricity
- Electrical safe systems of work including practical isolation exercises
- Electrical circuit theory and practical use of measuring instruments
- Low Voltage protection devices
- Requirements of BS7671:2008 (2015)
- Single and three phase motors and associated starters
- Inverter drives
- Connection and verification of electric motor wiring
- Motor fault finding
- Final assessment exercise

Course Duration / Fees / Location:

5 day training course, £1,175+VAT per delegate. Available in York, Slough and On-site.
Accommodation from £98+VAT (including DBB).