

ELECTRICAL TO MECHANICAL CONVERSION

CITY & GUILDS ACCREDITED (EMC)



Course Overview:

This City & Guilds Accredited course will enable you to gain a basic knowledge of mechanical principles and concepts, as well as an understanding of mechanical plant operation and isolation requirements of plant and pressure systems.

Who Is This Course For:

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

Key Learning Areas Covered in This Course:

- Key aspects of UK legislation
- Fundamental mechanical principles, including heat transfer, fuels and combustion
- Pumps, systems and components including valve types and heat exchangers
- Refrigeration and air conditioning systems
- Pressure plant including steam
- Hot water plant and water treatment
- Compressed air plant and hydraulic systems
- Plant operating procedures – start up and shut down
- Fire protection and shutdown systems associated with mechanical installations
- Maintenance strategies and procedures

Course Duration / Fees / Location:

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