



Managing Electrical Safety – Safe Isolation & Panel Entry (MES04)

For any person, working on, or near electrical panels, safe systems of work / permit systems, compliant equipment in accordance with GS38, safe isolation & lock out tag out procedures, safe points of isolation, EaWR1989 requirements with regards to safe entry to panels. Including practical safe isolation and panel entry risk assessment with demonstration rig and workshop.



Course Duration: 1 Day

Delivery: Classroom based.

Assessment Method: Multi choice knowledge retention assessment paper, plus practical safe isolation assessment.

Accreditation: Independently CPD Certified, on completion learners will receive a CPD certified certificate of attendance from GCS Doncaster Ltd.

Course Aims & Objectives

To enable all delegates to safely plan, put in place and carry out safe systems of work, including basic risk assessments required to undertake safe electrical isolation and panel entry procedures with lock off tag out in accordance with the requirements of the Electricity at Works Regulations 1989. This session provides all attendees with the necessary knowledge to undertake safe isolation of low voltage equipment and systems along with the necessary risks to consider when entering electrical panels.

Course Content

- The dangers of electricity
- The Regulations - their purpose, scope & legal standing
- The need for safe systems of work, risk assessments and permits
- Identification of safe points of isolation
- The Risks present when accessing low voltage electrical enclosures or panels
- Understanding what work can be undertaken in compliance with EaWR1989, devise resetting, adjustment configuration and taking readings.
- How to carry out safe isolation of electrical circuits and the process to achieve it
- Proving Dead
- Removal of an isolation and restoring normal operation
- Safe isolation demonstration and workshop & Q&A
- Practical Safe isolation assessment of each learner
- Knowledge retention assessment – Close, Comprehensive course handout

***A GS38 compliant Voltage indicator & proving unit plus LOTO kit can be provided for each delegate attending this course at an additional cost.**

Delivery

This course is delivered by a time served electrical engineer with over thirty-five years of contracting experience. Over twenty years of that being a Director and Electrical Duty Holder for a FTSE100 PLC and an Electrical Utility Supplier, a former NIC EIC QS & PDH. A Member of the IET, A licentiate of City & Guilds and holder of the level 3 award for Education & Training.