



## Managing Electrical Safety – Safe Isolation Workshop (MES05)

For any person, working on, or near isolated electrical equipment or systems, safe systems of work / permit systems, compliant equipment, safe isolation & lock out tag out procedures, safe points of isolation, correct selection of compliant GS38 voltage indicators Including practical safe isolation demonstration and workshop. Ideal as a refresher workshop for qualified engineers as well as comprehensive introduction to non-electrical and junior engineers.



**Course Duration:** 1/2 Day

**Delivery:** Classroom based practical.

**Assessment Method:** practical safe isolation demonstration 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 procedures and 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 single point safe isolation of low voltage equipment and systems.

### Course Content

- The Regulations - their purpose, scope & legal standing
- The need for safe systems of work, risk assessments and permits
- Identification of safe points of isolation
- 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 workshop plus Q&A
- Use of Practical safe isolation test rig, to carry out practical safe isolations
- Practical Safe isolation assessment of each learner
- Workshop 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.