



Training Course Syllabus

COURSE TITLE:

Work in the Vicinity of DNO / IDNO Equipment Awareness (Incl. G39)

COURSE REFERENCE: 210.1

DURATION:

5 hours (Recommended Minimum Duration)

COURSE AIMS:

This course aims to provide suitably qualified Engineers and HERS registered operatives with the knowledge required for working in the vicinity of DNO / IDNO equipment- including overhead lines in a safe and responsible manner and to comply with their responsibilities under organisation and legislative policies. This course excludes the removal and replacement of DNO cut-out fuse carriers

PREREQUISITES:

In order to gain maximum benefit and learning outcomes from this course there are a number of training modules, which are required before attending. A complete list of pre-course requirements is shown in the Contents.

ASSESSMENT:

A summative assessment will follow the completion of this course

OBJECTIVES:

On completion of the course learners will:

- State the associated Hazards and Risks.
- State the acceptable clearances between lighting columns and overhead lines.
- State the different methods of providing a mains supply.
- State the responsibilities of operatives regarding commissioning, maintenance, repair and emergency attention.
- State the method of work to be adopted when working in the vicinity of live conductors.
- List the PPE requirements.
- State the correct procedure to remove and replace a cut-out fuse carrier for isolation purposes and fuse replacement.

COURSE TOPICS:

- Electrical Injuries.
- Overview of EREC G39 Issue 2 2013
- Overview of ILP HV OHL Supplement to the ILP CoP for Electrical Safety in Highway Electrical Operations
- PPE
- Statutory requirements.
- Means of providing electricity supplies.
- Commissioning, Maintenance, Repair and Emergency Attention including supply cable insulation shrinkage.
- Cut-out fuse carrier removal and replacement procedures.

PRACTICAL:

To enable maximum learning and benefit from this course, there will be a number of exercises. These may be both interactive and demonstrative to enhance the learning experience.