Training Course Syllabus

COURSE TITLE:
Working in the vicinity of DNO / IDNO equipment including G39

COURSE REFERENCE: 210

DURATION:
7 hours (Recommended Minimum Duration)

COURSE AIMS:
This course aims to provide employees working within the Highway Electrical Sector with the appropriate safety knowledge and practical key skills required for work in the vicinity of DNO equipment. This includes overhead power lines and the removal and replacement of DNO cut-out fuse carriers in a safe and responsible manner and to comply with the responsibilities under organisation and legislative policies.

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 are shown in the Contents.
Certificated evidence of successfully completing Course 214 Safe Isolation Procedures required

ASSESSMENT:
A summative assessment and a practical 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.
• Describe their responsibilities 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.
• Demonstrate the ability to correctly remove and replace a cut-out fuse carrier for isolation purposes and fuse replacement.
• Carry out a polarity check

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 a number of exercises. These may be both interactive and demonstrative to enhance the learning experience.

RESOURCES & PPE - Full PPE, g39 kit, volt stick, testers.