

**COURSE TITLE: AUTHORISED GROUND-BASED PERSONNEL
ASSISTING AERIAL WORK - INITIAL**

Course Purpose: This Module is designed to provide the Participants with the necessary knowledge and skill to safely carry out ground-based duties associated with ground wire stringing and recovery activities on Client towers carrying live and dead high voltage circuits.

Course Duration: 0.5 Day.

Pre-requisites: Nil.

Learning Outcomes:

1. Demonstrate the knowledge required to extract relevant information from the Code of Practice on Electrical Safety for Work on or near High Voltage Electrical Apparatus or equivalent (Eg. Blue Book).
2. Demonstrate working knowledge of Safe Approach Distances that apply to Personnel, Vehicles, Mobile Plant & use of Handlines on Towers carrying Live Circuits.
3. Demonstrate working knowledge of Transmission Line Operating Voltages.
4. Demonstrate a working knowledge of conductor earthing relevant to work at ground level.
5. Demonstrate a working knowledge of the use of Vehicles & Mobile Plant on Transmission Line Easements.

Summary of Content:

1. Commonly used Code of Practice or equivalent (Eg. Blue Book) Definitions and Clauses.
2. Safe Approach Distances for Personnel, Vehicles, and Mobile Plant as used by Client.
3. Selection, Handling & Care of Handlines.
4. Transmission Line Voltage Identification.
5. Aspects of conductor earthing relevant to ground-based work, including: conductor earthing, explanation of earth mats and danger barriers, running earths, and earthing of conductor stringing plant.
6. Restrictions on Vehicles & Mobile Plant on Transmission Line Easements

**Delivery:
(Presentation Format)**

Delivery will consist of:

- Training Room Presentations to deal with the acquisitions of knowledge and thinking skills, and;
- Participant Practical Paper-based Exercises.

Competency Assessment:

Assessment for this module will consist of written skills assessment to demonstrate:

- Working knowledge of selected definitions and clauses from the Code of Practice or equivalent (Eg. Blue Book).
- Working knowledge of Safe Approach Distances & the use of handlines on Towers carrying Live Circuits.
- Working knowledge of Transmission Line Operating Voltages.
- Working knowledge of conductor earthing requirements relevant to ground level activities.
- Working knowledge of the use of Vehicles & Mobile Plant on Transmission Line Easements.