

Course Objectives: At the end of the course, participants will be able to:

- Identify the ESB network and equipment
- Understand Telemess documents and earthing requirements
- Understand tree categorisation
- Understand live, vicinity and proximity zones
- Understand risk assessment and site safety

Who is the course designed for:

This course is essential to be employed in Utility Arboriculture on behalf of ESB, or for anyone requiring knowledge for safe working in close proximity to overhead conductors which may be live up to and including 400kv. A current first aid certificate which includes treatment for shock is strongly recommended. The course is all classroom based.

Learners require re-certification every 3 years.

Pre-requisites: None

Duration: 2 Days Training + 1.5 Hour Independent Assessment on a Third Day

Instructor/Trainee Ratio: Max 1:6

Course Content:

- Identification of a range of High, Medium & Low Voltage overhead line components and associated risks
- ESB Safety Rules and Telemess Documents
- How trees are electrically categorised when located in proximity to an overhead line
- Assessing clearance distances
- Site Supervision
- Tidy up operations and leaving sites safe for others
- Fire hazards
- Emergency Procedures
- Minimum ground clearances
- Procedures to follow working on isolated overhead lines
- Requirement for Main or Local earths
- Live zone
- Vicinity zone
- Proximity zones 1 & 2
- Dedicated Observer requirement
- Generic/Site Specific/Electrical Risk Assessment
- PPE
- Environmental factors that may change the electrical danger of a tree