

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

- Understand the basic principles of working safely in proximity to overhead and underground utility services
- Understand their responsibilities whilst on site
- Identify electrical equipment
- Electrically categorise trees
- Identify zones

**Who is the course designed for?**

This course is essential to be employed in Utility Arboriculture or 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 and may be a requirement of some electricity companies. Course is classroom based.

**Duration:** 2 Days Training + 1 hour assessment on third day

**Instructor/Trainee Ratio:** Max 1:6

**Course Content:**

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| <ul style="list-style-type: none"> <li>• Risk Assessment (generic, site specific, electrical in relation to overhead power lines)</li> <li>• Dangers relating to use of ladders, ropes &amp; machinery</li> <li>• Information required to make the line dead &amp; in the event of an injury</li> <li>• High Voltage (HV)/Low Voltage (LV) overhead lines and apparatus</li> <li>• How trees are electrically categorised when located in proximity to an overhead line</li> <li>• Ground Clearances &amp; Live/Vicinity/Proximity Zones</li> </ul> | <ul style="list-style-type: none"> <li>• Site supervision, PPE &amp; prevention of injury</li> <li>• Safety factors (leaving the site, atmospheric conditions, fire etc)</li> <li>• Emergency actions &amp; personnel rescue</li> <li>• Emergency procedures – why &amp; where document</li> <li>• HV Earth and LV Bonds</li> <li>• Minimum Ground Clearances</li> <li>• Safety rules, codes of practice and working under a safety document</li> <li>• Permit to Work (PTW)/ Permit for work (PFW)</li> </ul> |
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