

City & Guilds (NPTC)
UA3 – Receive Safety Documents
UA4 – Application & Removal of HV Earths/LV Bonds

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

- Explain the role of safety document holder
- Explain procedure for operatives entering/exiting worksite
- Understand the differences between different types of safety documents
- Apply earths/bonds to overhead lines
- Explain the difference between circuit main earths and additional earths
- Explain when testing conductors isn't required
- Remove earths/bonds from overhead conductors

Who is the course designed for?

This course is ideal for those employed in Utility Arboriculture who are involved or need to progress to positions of responsibility, acting as safety document holder, or are required to apply/remove HV earths/LV bonds.

Pre-requisites:

Trainees must hold: City & Guilds (NPTC) UA1 & UA2

Duration:

1 Day Training + ½ day assessment

Instructor/Trainee Ratio:

Max 1:6

Course Content:

- Use permits & schematic diagrams to explain safety procedures
- Clearing a permit
- Apply earths to overhead lines
- Circuit main & additional earths
- Apply & remove LV bonds
- Role of safety document holder
- Working adjacent to other live lines
- Limitations of Access & Limited Work Work Certificate
- Testing conductors
- Remove earths

Required Kit List

PPE:

- A safety helmet appropriate to climbing poles (chinstrap etc)
- Safety goggles or visors (not the mesh arborist type)
- Steel toe-capped boots with good grip and ankle support
- Work gloves
- Work wear/overalls (long sleeved mandatory)
- Outdoor clothing
- LV live line working gloves with outer sleeves

Tool Kit & Equipment:

- X2 ladders (ideally fibreglass, at least 10ft doubles, or wooden)
- X2 Fall arrest harness with pole straps, rescue kit plus climbing spikes
- HV earths & kit including ground spikes
- Insulated rods with HV earth fitting attachment
- Bayonet rod attachment for the HV tester
- HV tester (in working order)
- LV earth/bonds
- LV test lamp and tester
- Rope to raise/lower earths
- LV shrouding (if have it)