



Measuring Conductor Heights Using Telescopic Measuring Sticks

Module purpose	<p>This module provides the learner with the knowledge and skills to measure low and/or high voltage conductor heights using a telescopic measuring stick</p> <p>This module can be used for both refresher training and initial training</p>
For whom	<p>Personnel whose task involves the use of insulated sticks as measuring devices on, or in the vicinity of, high and/or low voltage network assets subject to Network Operator approval.</p> <p>This does not include personnel who have the required competencies (e.g. Lineworker, HV switching Operator) in HV and/or LV switching dependent on the voltage being measured.</p>
Prerequisites	<p>HLTAID009 - Perform cardiopulmonary resuscitation UETDRRF10 - Provide first aid in an ESI environment or equivalent UETDRRF01 - Apply ESI Safety Rules Safe Approach Distances</p>
Summary of content	<ul style="list-style-type: none">• The Green Book<ul style="list-style-type: none">○ Safe approach distances○ Personal Protective Equipment○ Fit state for work○ Use and inspection of Operating and Live Line Sticks○ Contact with live HV conductors by means of appliances• Hazard/Risk assessment• Electrical Distribution System<ul style="list-style-type: none">○ Apparatus recognition○ System voltage recognition (Low and High Voltages)• Care and use of insulated measuring sticks<ul style="list-style-type: none">○ Insulated and tested portions○ Safe use of telescopic sticks○ Methods of control○ Knocking and bumping fuses○ Clashing conductors• Traffic Management awareness
Assessment	<p>Written assessment and a practical assessment requiring the participant to demonstrate the correct use of a telescopic measuring stick to accurately measure the conductor height.</p>
Planned duration	<p>Training session: Initial: 3-4 hours Refresher: 3-4 hours Assessment: 20 minutes</p>
Frequency	<p>Three yearly Assessment / Refresher Training, or as industry requirements change.</p>