



## Measuring Conductor Heights Using Telescopic Measuring Sticks

<b>Module purpose</b>	<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>
<b>For whom</b>	<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>
<b>Prerequisites</b>	<p>HLTAID009 - Perform cardiopulmonary resuscitation UETDRMP010 - Provide first aid in an ESI environment or equivalent UETDRMP002 - ESI Safety rules for work on. Near or in the vicinity of electrical apparatus Safe Approach Distances</p>
<b>Summary of content</b>	<ul style="list-style-type: none"><li>• The Green Book<ul style="list-style-type: none"><li>○ Safe approach distances</li><li>○ Personal Protective Equipment</li><li>○ Fit state for work</li><li>○ Use and inspection of Operating and Live Line Sticks</li><li>○ Contact with live HV conductors by means of appliances</li></ul></li><li>• Hazard/Risk assessment</li><li>• Electrical Distribution System<ul style="list-style-type: none"><li>○ Apparatus recognition</li><li>○ System voltage recognition (Low and High Voltages)</li></ul></li><li>• Care and use of insulated measuring sticks<ul style="list-style-type: none"><li>○ Insulated and tested portions</li><li>○ Safe use of telescopic sticks</li><li>○ Methods of control</li><li>○ Knocking and bumping fuses</li><li>○ Clashing conductors</li></ul></li><li>• Traffic Management awareness</li></ul>
<b>Assessment</b>	<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>
<b>Planned duration</b>	<p>Training session: Initial: 3-4 hours Refresher: 3-4 hours Assessment: 20 minutes</p>
<b>Frequency</b>	<p>Three yearly Assessment / Refresher Training, or as industry requirements change.</p>