



## Underground Cable Tracing

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<b>Module purpose</b>	This module provides the learner with the knowledge, skills & competencies to obtain authorisation to perform “Cable Tracing” activities while maintaining the required safe approach distances from distribution assets.
<b>For whom</b>	Personnel who are required to identify and locate underground cables on the distribution network.
<b>Prerequisites</b>	<ul style="list-style-type: none"><li>• Authority to Enter HV Enclosures</li><li>• First Aid Certificate (IAW Green Book requirements)</li><li>• Traffic Management training</li></ul>
<b>Authorisation</b>	Upon successful completion of this training, authorisation is required from the asset owner (Distribution Company) before any person is permitted to perform this work on the distribution system assets.
<b>Summary of content</b>	<ul style="list-style-type: none"><li>• Code of Practice on Electrical Safety for the Distribution Businesses (Green Book)</li><li>• Asset identification<ul style="list-style-type: none"><li>• Insulators, Voltage identification, features of the underground distribution network, cables, earth cables,</li></ul></li><li>• Safe Approach Distances to LV &amp; HV apparatus</li><li>• Attachment of Cable Tracing equipment</li><li>• Hazard identification, risk assessment &amp; risk control</li><li>• Personal Protective Equipment</li><li>• Electrical Access Permit process – overview</li><li>• Role and responsibility of the “Safety Observer”</li><li>• Field visit to cable sites, distribution and zone substations</li></ul>
<b>Assessment</b>	Written Assessment
<b>Planned duration</b>	Training session: 3 hrs Assessment: 30 minutes
<b>Frequency</b>	As required