



Underground Cable Tracing

Module purpose	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.
For whom	Personnel who are required to identify and locate underground cables on the distribution network.
Prerequisites	<ul style="list-style-type: none">• Authority to Enter HV Enclosures• UETDRMP002 ESI Safety rules for work on, near or in the vicinity of electrical apparatus• HLTAID009 Perform cardiopulmonary resuscitation• UETDRMP010 – Provide first aid in an ESI environment• Implement traffic management plans – RIIWHS302E or equivalent
Authorisation	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.
Learning Outcomes	<ol style="list-style-type: none">1. Demonstrate a good understanding of asset identification<ul style="list-style-type: none">• Insulators, line voltages, features of the underground distribution network, cables, earth cables.2. Demonstrate clear understanding of the JSA process<ul style="list-style-type: none">• Hazard identification• Associated risks• Controlling the risks3. Demonstrate the correct usage of cable tracing equipment.4. Explain correct protocol when entering Distribution or zone substations.
Delivery and Assessment Method	Classroom face to face delivery Written Assessment
Planned duration	Training session: Initial: 3 hrs Refresher: 1.5hrs Assessment: 30 minutes
Class size	Maximum 12 Participants

