



## UETDRMP013 Working on energised low voltage underground electrical apparatus

### Module purpose

This module provides the learner with the knowledge and skills required to perform underground energised low voltage work. This does not include the connection of underground services.

### For whom

For workers Qualified and Licenced to perform energised LV cable jointing.

### Prerequisites

**Note:** Those holding an existing Certificate III ESI - Distribution Underground qualification or equivalent, or relevant underground/cable jointing licence for energised work meet the prerequisite unit requirements.

#### Pre-requisite Units

UEECD0007 Apply work health and safety regulations, codes and practices in the workplace.

UEECD0019 Fabricate, assemble and dismantle utilities industry components.

UEECD0044 Solve problems in multiple path circuits.

UEECD0046 Solve problems in single path circuits.

UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications.

UEEEL0020 Solve problems in low voltage a.c. circuits.

UEEEL0021 Solve problems in magnetic and electromagnetic devices.

UETDRDU011 Joint, terminate and maintain energised low voltage underground polymeric cable.

UETDRDU015 Joint, terminate and maintain low voltage underground polymeric cable.

UETDREL001 Apply environmental requirements.

### Summary of content

- The Green Book
- Industry/enterprise work practices and procedures
- Live LV cable jointing work practices and procedures
- Live LV work at Ground level work practices and procedures
- Hazard and risk assessment process
- Use, inspection and care of tools, equipment, and PPE
  - Insulating mats and covers
  - Insulating gloves

- Safety observer role and responsibilities
  - ergonomics
  - distraction
  - communication
- Cable testing procedures
- Safety with LPG equipment
- Conductive Structures Procedures
  - Personal separation/body position
  - Cables on conductive poles/structures
  - Communications cables/catenaries
- Practical demonstration

**Assessment**                      Written and Practical Assessment to demonstrate safe live low voltage cable jointing techniques.

**Planned duration**            Training session:  
 Refresher:                            3-4 hrs dependant on group size  
 Written Assessment:            30 minutes

**Frequency**                      Three Yearly Assessment / Refresher Training, or as industry requirements change.

