



## UETTDRIS014 Install and replace energy meters and associated equipment

**Module purpose** This unit provides the learner with the knowledge and skills to competently and safely install and replace power system energy meters and comply with all relevant industry rules, standards and procedures.

**For whom** This unit is essential training for persons responsible for installing and replacing power system energy meters and associated equipment.

This can include;

- Distribution Lineworker's
- Distribution Cable Jointers
- Electro technology Electricians.

**Prerequisites** Granting of competency in this unit shall be made only after competency in the following unit(s) has/have been confirmed.

Where pre-requisite pathways have been identified. All competencies in the Common Unit Group must be have been completed plus all the competencies in one (1) of the identified Pathway Unit Group(s):

- Distribution Overhead
- Distribution Cable Jointing
- Electro technology Electrician

### Common unit group

| Unit Code   | Unit Title   |
|-------------|--|
| UEENEEE101A | Apply Occupational Health and Safety regulations, codes and practices in the workplace |
| UEENEEE102A | Fabricate, assemble and dismantle utilities industry components                        |
| UEENEEE104A | Solve problems in d.c. Circuits  |
| UEENEEE105A | Fix and secure electro technology equipment  |
| UEENEEE107A | Use drawings, diagrams, schedules, standards, codes and specifications                 |
| UEENEEG101A | Solve problems in electromagnetic devices and related circuits                         |
| UEENEEG102A | Solve problems in low voltage a.c. Circuits  |
| UETTDREL16  | Working safely near live electrical apparatus  |

### Distribution Overhead Pathway Group

| Unit Code  | Unit Title  |
|------------|---|
| UETTDRDP12 | Maintain overhead energised low voltage conductors and cables             |
| UETTDREL11 | Apply sustainable energy and environmental procedures                     |
| UETTDREL12 | Operate plant and equipment near live electrical conductors and apparatus |
| UETTDRIS41 | Install network infrastructure electrical equipment                       |
| UETTDRIS42 | Maintain network infrastructure electrical equipment                      |
| UETTDRIS52 | Install and maintain poles, structures and associated hardware            |
| UETTDRIS54 | Install and maintain poles, structures, overhead conductors and cables    |
| UETTDRIS56 | Install and maintain low voltage overhead services                        |

### Distribution Cable Jointing Pathway Group

| Unit Code  | Unit Title   |
|------------|--|
| UETTDRCJ21 | Lay ESI electrical cables  |
| UETTDRCJ26 | Install and maintain de-energised low voltage underground polymeric cables.  |
| UETTDRCJ27 | Install and maintain de-energised high voltage underground polymeric cables. |
| UETTDREL11 | Apply sustainable energy and environmental procedures                        |
| UETTDREL12 | Operate plant and equipment near live electrical conductors and apparatus    |
| UETTDNIS41 | Install network infrastructure electrical equipment                          |
| UETTDNIS42 | Maintain network infrastructure electrical equipment                         |
| UETTDNIS55 | Install and maintain low voltage underground services                        |

### Electro technology Electrician Pathway Group

| Unit Code   | Unit Title   |
|-------------|--|
| UEENEEE137A | Document and apply measures to control OHS risks associated with electro technology work           |
| UEENEEG006A | Solve problems in single and three phase low voltage machines                                      |
| UEENEEG033A | Solve problems in single and three phase electrical apparatus and circuits                         |
| UEENEEG063A | Arrange circuits, control and protection for general electrical installations                      |
| UEENEEG103A | Install low voltage wiring and accessories   |
| UEENEEG104A | Install appliances, switchgear and associated accessories for low voltage electrical installations |
| UEENEEG106A | Terminate cables, cords and accessories for low voltage circuits                                   |
| UEENEEG107A | Select wiring systems and cables for low voltage general electrical installations                  |
| UEENEEG108A | Trouble-shoot and repair faults in low voltage electrical apparatus and circuits                   |
| UEENEEG109A | Develop and connect electrical control circuits  |
| UEENEEK142A | Apply environmentally and sustainable energy procedures in the energy sector                       |

**Delivery and Assessment Method** Classroom face to face delivery and small group activities. Assessed with multiple written and practical assessment completing a variety of tasks.

**Planned duration** Training session:  
Initial: 32 hours  
Written Assessment: 4 x 60 minute assessments  
Practical Assessment: 4 x 60 minute assessments  
Maximum of 8 participants.

