



Australian Government

UETTD RIS35 Perform remote community network field switching to a given schedule

Release: 1

UETTDNIS35 Perform remote community network field switching to a given schedule

Modification History

Release 1. This is the first release of this unit of competency in the UET Transmission, Distribution and Rail Sector Training Package.

Application

This unit involves the skills and knowledge required to perform remote community network field switching to a given schedule in the electricity supply industry (ESI).

It includes preparing, performing and completing low voltage (LV) field switching to a given schedule, using circuit breaking and isolation devices.

It also includes using LV distribution systems in remote community situations, communicating with relevant personnel, isolating electrical equipment, paralleling circuits, proving the area is de-energised and earthed, issuing/accepting electrical permits and returning affected circuits to service.

The application of the skills and knowledge described in this unit may require a licence/registration to practice in the workplace.

Other conditions may apply under state and territory legislative and regulatory licensing requirements which must be confirmed prior to commencing this unit.

Pre-requisite Unit

Common Unit Group

UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

UEENEEE102A Fabricate, assemble and dismantle utilities industry components

UEENEEE105A Fix and secure electrotechnology equipment

UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

UEENEEE137A Document and apply measures to control OHS risks associated with electrotechnology work

UEENEEK101A Maintain safety and tidiness of remote area power supply systems

UEENEEK102A Work safely with remote area power supply systems

UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

Competency Field

Industry Specific Cross Discipline

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare for LV field switching to a given schedule

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1** Switching and work schedules, construction plans, drawings, workplace procedures and material lists are received and confirmed
- 1.2** Job requirements and workplace procedures are identified and communicated with relevant personnel
- 1.3** Work health and safety (WHS)/occupational health and safety (OHS), environmental and workplace procedures for LV switching are obtained and confirmed for the purposes of the work to be performed
- 1.4** Work is prioritised and sequenced for completion within acceptable timeframes following consultation with relevant personnel and in accordance with workplace procedures
- 1.5** Hazards are identified, WHS/OHS risks assessed and control measures identified in accordance with workplace procedures
- 1.6** Relevant authorisation is obtained to perform work in accordance with job requirements and workplace procedures
- 1.7** Plant, equipment, tools and personal protective equipment (PPE) required for work are identified, obtained and confirmed in working order
- 1.8** Worksite is prepared to minimise risk, damage to property, commerce and individuals in accordance with workplace procedures

- | | | |
|---|-----|--|
| | 1.9 | Traffic management plan is confirmed as being applied in accordance with workplace procedures |
| 2 Carry out LV field switching to a given schedule | 2.1 | WHS/OHS, sustainable energy and environmental principles and practices are monitored and followed to reduce incidents in accordance with workplace procedures |
| | 2.2 | Requirements for lifting and/or climbing and/or working at heights and the use of power tools/equipment are followed in accordance with workplace procedures |
| | 2.3 | LV field switching to a given schedule are applied in agreed timeframes, to quality standards and with a minimum of waste in accordance with workplace procedures |
| | 2.4 | Communications with switching control officer are established and maintained throughout the isolation operation in accordance with workplace procedures |
| | 2.5 | Electrical equipment, associated circuits, line/network or worksite to be switched, including paralleling, is isolated and proved de-energised using appropriate devices and earthed, where required, in accordance with requirements and established procedures |
| | 2.6 | Unplanned events occurring during LV field switching to a given schedule are responded to in accordance with workplace procedures |
| | 2.7 | Quality checks of work are undertaken in accordance with workplace procedures |
| 3 Complete LV field switching to a given schedule | 3.1 | Completed work is checked against switching schedule, construction plans and drawings for compliance and anomalies are reported in accordance with workplace procedures |
| | 3.2 | WHS/OHS and environmental incidents are reported in accordance with workplace procedures, as required |
| | 3.3 | Worksite is rehabilitated, cleaned up and made safe in accordance with workplace procedures |
| | 3.4 | Tools, equipment and surplus resources are, where appropriate, cleaned, checked and returned to storage in accordance with workplace procedures |

- 3.5 Work records, reports and/or documentation are completed in accordance with workplace procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UETTDRI35A Perform remote community network field switching to a given schedule.

Links

UET Training Package Companion Volume Implementation Guide is found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=229bace1-b7bc-4653-9300-dffb13ecfad7>