



Australian Government

UETTD RIS81 Install telecommunications infrastructure on electricity supply industry assets

Release: 1

UETTDRI81 Install telecommunications infrastructure on electricity supply industry assets

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 covers the installation of telecommunications infrastructure equipment within the communications corridor, such as cables, cable support and termination enclosures, which are relevant to the transmission of data. It includes the termination/connection of the telecommunication equipment in accordance with enterprise requirements.

The application of the skills and knowledge described in this unit may require a licence/registration to practice in the workplace subject to regulations for undertaking of electrical work.

Other conditions may apply under state and territory legislative and regulatory licencing 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

UETTDREL14 Working safely near live electrical apparatus as a non-electrical worker

Competency Field

Industry Specific Cross Discipline

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

1 Prepare for the installation of telecommunications infrastructure equipment

- 1.1** Work schedules, including drawings, plans, requirements, established procedures and material lists, are received
- 1.2** Relevant requirements and established procedures for the work are communicated to relevant personnel and identified for the worksite
- 1.3** Work health and safety (WHS)/occupational health and safety (OHS) policies and procedures related to requirements and established procedures for the installation of telecommunications infrastructure equipment are obtained and confirmed for the purposes of the work to be performed
- 1.4** Work is prioritised and sequenced following consultation with supervisor for completion within acceptable timeframes and in accordance with established procedures
- 1.5** Hazards are identified, WHS/OHS risks assessed and control measures prioritised, implemented and monitored according to established procedures
- 1.6** Relevant work permits are received to access and perform work according to requirements and/or established procedures
- 1.7** Resources, including equipment, tools and personal protective equipment (PPE), required for the job are obtained and confirmed in working order
- 1.8** Relevant personnel at worksite are confirmed with currency in first aid, pole top rescue and other related work procedures according to requirements
- 1.9** Site is prepared in accordance with established procedures to minimise risk and damage to property, commerce and individuals

2 Carry out installation of telecommunications

- 2.1** WHS/OHS and sustainable energy principles and practices to reduce waste are monitored and followed in

infrastructure equipment		accordance with requirements and/or established procedures
	2.2	Lifting, climbing, working at heights, and use of power tools/equipment, techniques and practices are safely followed
	2.3	Essential knowledge and associated skills are applied to the safe installation of telecommunications infrastructure equipment to ensure completion in an agreed timeframe, to quality standards with a minimum of waste according to requirements
	2.4	Telecommunications infrastructure equipment and associated hardware are positioned, secured and terminated/connected in accordance with requirements and established procedures
	2.5	Telecommunications infrastructure equipment and associated hardware are maintained in accordance with requirements and established procedures
	2.6	Unplanned events in the installation of telecommunications infrastructure equipment are resolved and dealt with
	2.7	Known solutions to a variety of problems are applied using acquired essential knowledge and associated skills
	2.8	Ongoing checks of quality of the work are undertaken in accordance with instructions and established procedures
3 Complete the installation of telecommunications infrastructure equipment	3.1	Work undertaken is checked against work schedule for conformance with requirements and anomalies reported in accordance with established procedures
	3.2	Accidents and/or injuries are reported in accordance with requirements/established procedures, where applicable
	3.3	Worksite is rehabilitated, cleaned up and made safe in accordance with established procedures
	3.4	Tools, equipment and any surplus resources and materials are cleaned, checked and returned to storage in accordance with established procedures
	3.5	Relevant work permits are signed off in accordance with established procedures

- 3.6** Work completion records, reports, as installed/modified drawings and/or documentation and information are finalised and processed and appropriate personnel notified

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 UETTD81A Install telecommunications infrastructure on electricity supply industry assets.

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>