



Australian Government

UETDRIS022 Coordinate permit procedures

Release: 1

UETDRIS022 Coordinate permit procedures

Modification History

Release 1. This is the first release of this unit of competency in the UET Transmission, Distribution and Rail Sector Training Package Release 4.0.

Application

This unit includes the skills and knowledge required to coordinate permit procedures in the electricity supply industry (ESI).

It includes coordinating access authority procedures, collating and confirming worksite data, and operating agreements.

It also includes functions of electrical network switching and protection system principles, and fundamentals of supervisory control and data acquisition (SCADA) or equivalent systems.

Note: Entry into this unit is for users who:

- *hold the unit UETDREL005 Work safely in the vicinity of live electrical apparatus or equivalent,*

and

- *hold a UET Certificate III Qualification or the equivalent issued in an Australian state or territory,*

or

- *hold an Electrician or Electrical Fitter licence or the equivalent issued in an Australian state or territory,*

or

- *hold an Electrician or Electrical Fitter qualification or the equivalent issued in an Australian state or territory.*

In addition, Electricians or Electrical Fitters must have completed the unit UETDRIS032 Solve problems in network equipment or equivalent to meet the requirements of working within the electricity supply industry (ESI).

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

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

Pre-requisite Unit

Refer to Application.

Competency Field

Industry Specific Cross Discipline

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

1 Prepare to coordinate permit procedures

- 1.1 Work plan is obtained, confirmed and communicated with relevant personnel in accordance with workplace requirements
- 1.2 Legislation, regulations, standards, codes of practice and organisational workplace requirements for the work to be done are reviewed and determined
- 1.3 Stakeholders are provided with possible solutions and options within the scope, budget and workplace requirements
- 1.4 Work is prioritised and sequenced for completion in accordance with work plan and workplace requirements
- 1.5 Hazards are identified, risks assessed, and control measures identified and applied
- 1.6 Work permits are determined in accordance with workplace requirements

2 Coordinate permit procedures

- 2.1 Legislation, regulations, standards, codes of practice and organisational workplace requirements for the work to be performed are applied and monitored
- 2.2 Hazard control measures are monitored in accordance with workplace requirements
- 2.3 Permit procedures are coordinated in accordance with workplace requirements
- 2.4 Incidents or unplanned events are responded to in

		accordance with workplace requirements
	2.5	Quality checks of work are undertaken in accordance with work plan and workplace requirements
3 Complete work and documentation	3.1	Completed work is checked for compliance against the work plan and workplace requirements
	3.2	Incidents or unplanned events are reported in accordance with workplace requirements
	3.3	Work records, reports and documentation are completed, and appropriate personnel notified in accordance with workplace requirements

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 UET Transmission, Distribution and Rail Sector Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is not equivalent to UETDRIS002 Coordinate power system permit procedures

Links

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

Assessment Requirements for UETDRIS022 Coordinate permit procedures

Modification History

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least two (2) separate occasions and include:

- applying relevant legislation, regulations, standards, codes of practice and organisational workplace requirements including:
 - work health and safety (WHS)/occupational health and safety (OHS) requirements
- identifying hazards, assessing risks, and identifying, applying and monitoring control measures
- dealing with an unplanned event on at least one (1) occasion
- completing relevant work records, reports and documentation
- developing a permit schedule, including all of the following:
 - facilitating and coordinating permits
 - issuing and cancelling of permits
 - auditing procedures
 - stakeholder communication
 - operating agreements
- collating and confirming worksite data on at least one (1) occasion, including all of the following:
 - electrical network diagrams and configurations
 - safe working area
 - risk and hazard identification and control.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- relevant legislation, regulations, standards, codes of practice and organisational workplace requirements, including WHS/OHS requirements
- hazard, risk assessment and risk control requirements, including potential hazards
- safe use of plant, tools and equipment
- events constituting an unplanned event or incident

- procedures for responding to an unplanned event or incident
- workplace records, reports and documentation
- functions of supervisory control and data acquisition (SCADA) or equivalent system
- principles of high voltage (HV) single wire earth return (SWER) system
- coordination of access authority procedures, including:
 - application, purpose and types of permits
 - enterprise specific procedures
 - processes of consultation and negotiation
 - responsibilities of team members
 - efficient use of resources
 - facilitating and coordinating permits
 - issuing and cancelling of permits
 - auditing procedures
 - stakeholder communication
- procedures for collating and confirming worksite data, including:
 - electrical network diagrams and configurations
 - safe working area
 - risk and hazard identification and control
 - operating agreements
- electrical network switching principles, including:
 - manuals, system diagrams, plans and drawings
 - types, characteristics and capabilities of electrical apparatus
 - sources of possible back-feed
 - restrictions on electrical apparatus
 - isolation procedures
 - earthing procedures
 - fault levels and settings
 - load calculation
 - operating agreements
 - protection system principles.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so.

Where this is not appropriate, assessment must occur in simulated conditions involving realistic

and authentic activities that replicate operational workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- relevant and appropriate materials, tools, equipment and PPE currently used in industry
- applicable documentation, including workplace requirements, equipment specifications, regulations, codes of practice and operation manuals.

Links

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