



Australian Government

UETTDRRF01 Apply ESI safety rules, codes of practice and procedures for work on or near electrical apparatus

Release: 2

UETTDRRF01 Apply ESI safety rules, codes of practice and procedures for work on or near electrical apparatus

Modification History

Release 2. Amendment to the Performance Evidence.

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 knowledge and application of electricity supply industry (ESI) safety rules and codes of practice for work on or near electrical apparatus. It includes the application of relevant state and territory safety rules, codes of practice and enterprise-based procedures and how they apply in the context of transmission, distribution or rail work functions. It encompasses responsibilities for health, safety and risk management processes at all operative levels and adherence to safety practices as part of the normal way of doing work.

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

There are no prerequisite competencies to this unit.

Competency Field

Refresher Training

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

1 Prepare to apply ESI safety rules, codes of practice and procedures for work on or near electrical apparatus

- 1.1** Relevant safety rules, codes of practice and procedures are identified and obtained
- 1.2** Hazards and risk control measures for specific work functions/areas are identified and obtained
- 1.3** The requirement for access authority/work permits required for work are identified and obtained from appropriate personnel according to established procedures
- 1.4** Safety systems and equipment for work are prepared and placed to minimise and control hazards in accordance with established procedures

2 Carry out application of ESI safety rules, codes of practice and procedures for work on or near electrical apparatus

- 2.1** Workplace procedures and work instructions for controlling risk are followed
- 2.2** Safety rules, codes of practice and workplace procedures for induction to a worksite, are followed
- 2.3** Specific workplace systems and equipment isolation procedures are followed
- 2.4** Restricted workplace areas are identified, including ingress and egress procedures
- 2.5** Emergency procedures are identified, including assembly areas, and communication systems, including audible alarms and processes, according to established procedures

3 Complete the application of ESI safety rules, codes of practice and procedures for work on or near electrical apparatus

- 3.1** Processes for completing work are applied, and access authority/work permits, where required, are completed in accordance with established 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 UETTDRRF01B Apply ESI safety rules, codes of practice and procedures for work on or near electrical apparatus.

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>

Assessment Requirements for UETTDRRF01 Apply ESI safety rules, codes of practice and procedures for work on or near electrical apparatus

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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 one occasion and include:

- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including the use of risk control measures
- applying safe approach distances (SAD) to:
 - personnel
 - vehicles
 - insulated mobile plant
 - non-insulated mobile plant.

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:

- working on or near electrical network infrastructure encompassing:
 - identifying documentation, procedures and instructions for work on or near electrical apparatus
 - identifying and assessing hazards and control measures
 - SAD for work on or near electrical apparatus
- maintaining SAD for work on or near electrical apparatus.

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:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, facilities, equipment and personal protective equipment (PPE) currently used in industry for applying ESI safety rules, codes of practice and procedures for work on or near electrical apparatus
- applicable documentation, including workplace procedures, relevant industry standards, equipment specifications, regulations, codes of practice and operation manuals.

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