



Australian Government

UETDRMP018 Perform rescue from a live low voltage panel

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Modification History

Release	Comments
1	This unit of competency was first released in UET Transmission, Distribution and Rail Sector Release 6.0.

Application

This unit involves the skills and knowledge required to perform a rescue from live low voltage (LV) electrical apparatus in an electrical industry environment. This does not include overhead lines and underground cables.

It includes the organisational workplace requirements for the inspection and use of live LV panel rescue equipment, and how it applies to electricity supply industry (ESI) workers and/or electrical industry workers to meet work health and safety (WHS)/occupational health and safety (OHS), mobility and mutual aid requirements.

Licensing/Regulatory Information

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(s)

HLTAID009 Provide cardiopulmonary resuscitation

Competency field(s)

Mobility and Portability

Unit sector(s)

N/A

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 to perform rescue procedures from live LV panel	1 Workplace requirements for the rescue are identified and confirmed 1
	1 Electricity isolation point is identified 2
	1 Rescue equipment including personal protective equipment (PPE) is obtained and inspected in accordance with workplace requirements 3
2 Carry out rescue from live LV panel	2 Situation is assessed, and rescue response is activated in accordance with workplace requirements 1
	2 Casualty is removed from the live LV panel in accordance with workplace requirements 2
3 Complete the LV panel rescue procedure	3 Casualty is assessed in accordance with workplace requirements 1
	3 Incident site is secured and entry controlled in accordance with workplace requirements 2
	3 Incident is reported in accordance with workplace requirements 3

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

Current Code and Title	Previous Code and Title	Comments	Equivalence
UETDRMP018 Perform rescue from a live low voltage panel	UETDRMP007 Perform rescue from a live low voltage panel	This unit replaces and is equivalent to UETDRMP007 Perform rescue from a live LV panel.	Equivalent

Assessment Requirements for UETDRMP018 Perform rescue from a live low voltage panel

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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:

- identifying organisational rescue requirements
- identifying hazards, assessing risks and applying control measures
- identifying the isolation point
- confirming voltage(s) and related safe approach distance(s)
- obtaining and inspecting rescue equipment
- fitting of rescue personal protective equipment (PPE)
- performing a rescue from a live low voltage (LV) panel in accordance with workplace requirements.

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:

- organisational procedures for the rescue of a casualty from a live LV panel including:
 - inspection and placement of rescue equipment
 - types and application of rescue PPE
 - assessment and control hazards to rescuer, casualty and others
 - isolation identification procedures
 - identify voltages and related safe approach distances
 - safety observer role and responsibilities
 - assessment of situation

- activation of emergency response
- electrical contact release
- removal of casualty to safe location
- assessment of casualty
- incident site security
- reporting requirements.

Assessment Conditions

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 equipment and PPE currently used in industry for performing rescues from a live LV panel
- applicable documentation, including workplace requirements, relevant industry standards, equipment specifications and operation manuals.

Assessor requirements

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

Including:

- vocational competencies at least to the level being delivered and assessed
- current industry (ESI/Energy/Electrical) skills directly relevant to the training and assessment being provided; and
- current knowledge and skills in vocational training and learning that informs their training and assessment.

Industry experts may also assist in training delivery and/or the assessment judgement, working alongside the trainer and/or assessor to conduct the training and/or assessment.

Links

Companion volumes, including implementation guides, are found in TGA -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=229bace1-b7bc-4653-9300-dffb13ecfad7>