



Australian Government

UETDRRF001 Perform cable pit/trench/excavation rescue

Release: 1

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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 2.0.

Application

This unit covers the performance of cable pit/trench/excavation rescue procedures as they apply to live low voltage (LV) cable jointing in the workplace. It specifies the mandatory requirements of rescue from a cable pit/trench/excavation 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 licensing requirements which must be confirmed prior to commencing this unit.

Pre-requisite Unit

HLTAID009 Provide cardiopulmonary resuscitation

Competency Field

Refresher Training

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to perform cable pit/trench/excavation

PERFORMANCE CRITERIA

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

1.1 Instruction in hazards and risk control measures for specific work functions and work areas are identified

rescue	and obtained
	1.2 Tools and emergency equipment are checked for safety, functionality and placed in an accessible location to facilitate response and rescue according to established procedures
2 Carry out cable pit/trench/excavation rescue	2.1 Workplace procedures and work instructions for controlling risk are followed 2.2 Workplace procedures for accessing the cable pit/trench/excavation, and removing the victim, where necessary, from contact with live apparatus are followed 2.3 Workplace procedures for removing the victim, where necessary, from the cable pit/trench/excavation are followed 2.4 Workplace procedures for carrying out cardiopulmonary resuscitation (CPR), if required at the site, and treatment, where necessary, by medical professionals are followed 2.5 The worksite is secured and entry controlled until appropriate authorities release the site
3 Complete the cable pit/trench/excavation rescue procedures	3.1 Processes for reporting accidents and/or incidents to authorised personnel are confirmed 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 UET Transmission, Distribution and Rail Sector Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UETTDRRF07 Perform cable pit/trench/excavation rescue.

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 UETDRRF001 Perform cable pit/trench/excavation rescue

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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
- inspecting and placing rescue equipment for a cable pit/trench/excavation rescue
- performing a rescue from a pit/trench/excavation in accordance with workplace procedures.

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:

- emergency procedures for the rescue of a victim from a cable pit/trench/excavation encompassing:
 - inspection of rescue equipment
 - assessing hazards to rescuer, victim and others
 - isolation procedures, where appropriate
 - safe approach distances (SAD) appropriate to cable pit/trench/excavation rescue
 - involvement of external emergency services
- emergency procedures for the skills required for the rescue of a victim from a cable pit/trench/excavation encompassing:
 - placement of rescue equipment
 - controlling hazards to rescuer, victim and others
 - maintaining SAD appropriate to cable pit/trench/excavation rescue
 - removing victim to safe location/place of safety.

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 performing cable pit/trench/excavation rescues
- applicable documentation, including workplace procedures, relevant industry standards, equipment specifications, regulations, codes of practice and operation manuals.

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