



Australian Government

UETDRIS020 Contribute to coordinated high voltage live work

Release: 1

UETDRIS020 Contribute to coordinated high voltage live work

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 contribute to coordinated high voltage (HV) live work in the electricity supply industry (ESI).

It includes pre-work briefing on tasks to be undertaken, roles of individual team members, identification of possible hazards, risk management analysis and implementation of control measures to control or mitigate the risk to acceptable levels.

It also includes monitoring work performance to ensure safety, and post-work debriefing to identify areas for improvement.

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

UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

UETDREL005 Work safely in the vicinity of live electrical apparatus

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.

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| 1 Prepare to contribute to coordinated HV live work | 1.1 | Legislation, regulations, standards, codes of practice and organisational workplace requirements for the work to be done are reviewed and determined |
| | 1.2 | Pre-work briefing is conducted in accordance with workplace requirements |
| | 1.3 | Work plan is determined, confirmed and communicated with relevant personnel in accordance with 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 |
| | 1.7 | Plant, tools, equipment and personal protective equipment (PPE) required for work are determined, obtained and confirmed in working order |
| | 1.8 | Work roles and tasks are allocated according to individual competencies and workplace requirements |
| | 1.9 | Worksite is prepared in accordance with the work plan and workplace requirements |
| 2 Contribute to coordinated HV live work | 2.1 | Legislation, regulations, standards, codes of practice and organisational workplace requirements for the work to be performed are applied and monitored |
| | 2.2 | Lifting, working at heights, working in confined spaces and the use of plant, tools, equipment and PPE are carried out in accordance with workplace requirements |
| | 2.3 | Work permits are received and signed in accordance with workplace requirements |
| | 2.4 | HV live work is contributed to in accordance with workplace requirements |
| | 2.5 | Hazard control measures are monitored in accordance with workplace requirements |
| | 2.6 | Incidents or unplanned events are responded to in |

		accordance with workplace requirements
	2.7	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	Post-work briefing is conducted in accordance with workplace requirements
	3.3	Incidents or unplanned events are reported in accordance with workplace requirements
	3.4	Plant, tools and equipment are cleaned, checked and returned to storage, and surplus resources and materials are managed in accordance with workplace requirements
	3.5	Work permits are signed off in accordance with workplace requirements
	3.6	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 UETTDRI65 Contribute to coordinated HV live working.

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 UETDRIS020 Contribute to coordinated high voltage live work

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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, identifying, applying and monitoring control measures
- obtaining, inspecting and using relevant personal protective equipment (PPE)
- dealing with an unplanned event on at least one (1) occasion
- determining the purpose for high voltage (HV) live work
- obtaining and signing work permits in accordance with workplace requirements
- completing relevant work records, reports and documentation
- facilitating communication/consultation processes in a HV live line work team environment
- contributing to pre-work briefings and securing of live line permits or authority to work in a HV live line work team environment
- implementing WHS/OHS policies and procedures in a HV live line work team environment
- contributing to the work schedule in a HV live line work team environment
- contributing to post-work briefings on improving safe working in a HV live line work team environment.

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
- types and application of PPE
- safe use of plant, tools and equipment
- application, purpose and types of permits
- events constituting an unplanned event or incident

- procedures for responding to an unplanned event or incident
- workplace records, reports and documentation
- specialist equipment used in HV live line work
- principles and procedures of HV live line work, including:
 - risks and hazards specific to HV live line work
 - WHS/OHS requirements specific to live line work
 - determining the purpose for HV live work
 - coordination and planning of work
 - techniques in effective communication
 - techniques in effective teamwork.

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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