



Australian Government

TLIF3015 Work safely as a non-electrical licensed worker near electrical assets

Release: 1

TLIF3015 Work safely as a non-electrical licensed worker near electrical assets

Modification History

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Application

This unit involves the skills and knowledge required to work safely near electrical assets as a non-electrical licensed worker.

It includes preparing to work safely near electrical assets, carrying out work near electrical assets safely, ceasing work near electrical assets when safety is compromised, evaluating additional potential threats, and completing relevant documentation.

This unit applies to workers whose role requires them to work within the vicinity of electrical assets.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

F – Safety Management

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to work safely near electrical assets

PERFORMANCE CRITERIA

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

1.1 Relevant state/territory safe work legislative requirements are identified

1.2 Unsafe distances (clearance zones, no go zones or exclusion zones) near low and high voltage power lines are confirmed and applied to safe work planning

- 1.3 Safe work practices and procedures are planned for in accordance with state/territory regulatory requirements, codes of practice and workplace policies
 - 1.4 Safe approach distances are identified and confirmed in accordance with state/territory legislation
 - 1.5 Potential hazards are identified, risks are assessed and risk control options are prioritised and documented in accordance with workplace operating procedures and state/territory regulatory requirements
 - 1.6 Incident response plans are developed in accordance with safe systems of work, job safety, environmental analysis, work method statements and state/territory regulatory requirements
- 2 Carry out work near electrical assets safely**
- 2.1 Work health and safety (WHS)/occupational health and safety (OHS) principles and practices are applied, as required
 - 2.2 Hazards are identified and monitored during work tasks
 - 2.3 Changes to assessed risks are monitored
 - 2.4 Risk control options are implemented, monitored and amended as required to ensure safe work operations
 - 2.5 Potential risks and hazards are recorded and reported in accordance with workplace policies and state/territory regulatory requirements
 - 2.6 Emergency procedures and incident response plans are appropriately prepared for all tasks and implemented in an emergency
 - 2.7 All personnel on the specific task or job site are made aware of the location of emergency procedures and incident response plans
 - 2.8 Content of emergency procedures and incident response plans is explained
- 3 Cease work near electrical assets when safety is compromised**
- 3.1 Operation of vehicle is stopped immediately contact with electrical assets is made, in accordance with workplace policies and procedures and state/territory regulatory requirements
 - 3.2 Nature of electrical incident or potential threat is assessed and communicated to relevant personnel in accordance with

workplace policies and procedures, and state/territory regulatory requirements

3.3 Request for emergency services to be contacted is made in accordance with workplace policies and procedures

4 Evaluate additional potential threats

4.1 While remaining in vehicle, additional threats are evaluated and a suitable plan of action to address these additional threats is determined in accordance with workplace policies and procedures, and state/territory regulatory requirements

4.2 Location of fallen wires and other threats are determined and all parts of vehicle are treated as live and/or dangerous unless otherwise determined, in accordance with workplace policies and procedures, and state/territory regulatory requirements

4.3 People in close proximity are directed to stay clear until area is electrically safe and situation is resolved, in accordance with workplace policies and procedures, and state/territory regulatory requirements

4.4 Vehicle is exited in accordance with workplace policies and procedures or as directed by emergency services personnel

5 Complete relevant documentation

5.1 Work schedules and authorisations including safe systems of work, job safety and environmental analysis, work method statements and work permits are documented in accordance with workplace procedures and state/territory regulatory requirements

5.2 Incident reports are recorded in accordance with workplace policies and procedures, and state/territory regulatory requirements

5.3 Relevant reports, records and data sheets are accurately recorded and lodged in accordance with workplace policies and procedures, and state/territory regulatory 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 can be found in the Companion Volume Implementation guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIF3015A Work safely as a non-electrical licensed worker near electrical assets.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>

Assessment Requirements for TLIF3015 Work safely as a non-electrical licensed worker near electrical assets

Modification History

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

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 one occasion and include:

- applying relevant WHS/OHS requirements and work practices
- communicating effectively with others
- developing effective planning, risk mitigation and problem-solving documents
- ensuring currency of relevant legislative and regulatory knowledge
- ensuring language used suits target audience
- giving and receiving feedback
- listening
- maintaining situational awareness
- making recommendations for further risk mitigation
- planning and managing time effectively
- planning for and managing contingencies
- planning own work, predicting consequences and identifying improvements
- questioning
- sequencing activities in a way that facilitates the development of competence
- transferring and apply skills and knowledge to new contexts.

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:

- correct use of equipment, processes and procedures appropriate for work tasks
- emergency procedures
- hazard identification process
- identification of electrical asset types
- job/role and related environment skills
- relevant company policies and procedures

- relevant legislation, regulations, codes of practice, standards, policies and procedures
- relevant workplace tasks, skills and knowledge including knowledge of safe approach distances (clearance zones, no go zones and exclusion zones) and reasons for being declared as such
- risk assessment processes and controls relevant to worksite
- safe work methodologies and strategies
- safe work practices in relation to local areas of work
- WHS/OHS requirements and work practices.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

As a minimum, assessment must satisfy applicable regulatory requirements, which include requirements in 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 workplace operational situations that replicate 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 include:

- a range of relevant exercises, case studies and/or simulations
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and personal protective equipment currently used in industry.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>