



Australian Government

TLIB2029 Use and maintain minor mechanical equipment

Release: 1

TLIB2029 Use and maintain minor mechanical equipment

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 use and maintain minor mechanical equipment in accordance with workplace procedures, safe working codes of practice and regulatory requirements across a variety of operational workplaces within the transport and logistics industry.

It includes carrying out pre-operational checks on equipment, operating mechanical equipment, conducting routine maintenance, and securing and storing equipment. Minor mechanical equipment may encompass hand and power tools.

Work is performed under some supervision, generally in a team environment.

Where required to operate mechanical plant or equipment, the operator must hold the relevant licence, permit or certificate for the class/type of equipment being operated.

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

Pre-requisite Unit

Not applicable.

Competency Field

B – Equipment Checking and Maintenance

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Carry out

PERFORMANCE CRITERIA

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

1.1 Pre-operational checks are conducted to manufacturer

pre-operational checks	specifications to ensure optimum equipment functionality
	1.2 Necessary adjustments to equipment are made in accordance with manufacturer instructions to ensure efficient operation
	1.3 Faulty equipment is reported to relevant person to ensure equipment is safe and effective to use
2 Operate mechanical equipment	2.1 Equipment is operated in accordance with manufacturer and workplace operating instructions to ensure safe and effective operation
	2.2 Appropriate personal safety protection is used to minimise risk of injury
	2.3 Work operational hazards are eliminated or controlled appropriately when using equipment to ensure safe working conditions
	2.4 Assisting personnel are given clear instructions about their duties to ensure safe and effective working conditions, as required
3 Conduct routine maintenance	3.1 Equipment is cleaned and maintained in accordance with manufacturer specifications to ensure optimum functionality
	3.2 Detailed and accurate records are maintained in accordance with workplace procedures
4 Secure and store mechanical equipment	4.1 Equipment is handled and transported in a safe, secure and efficient manner to minimise risk of injury to personnel and damage to equipment
	4.2 Equipment is stored and secured according to manufacturer and workplace procedures to prevent damage to and loss of equipment

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 TLIB2029B Use and maintain minor mechanical equipment.

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 TLIB2029 Use and maintain minor mechanical equipment

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 precautions and required action to minimise, control or eliminate identified hazards
- carrying out one routine maintenance in a safe manner
- communicating and working effectively with others
- completing a pre-operational check on one piece of equipment used in the job function
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring performance of equipment
- monitoring work activities in terms of planned schedule
- operating and adapting to differences in equipment in accordance with workplace procedures
- operating mechanical equipment to manufacturer and workplace requirements
- reporting identified problems, faults and malfunctions promptly, in accordance with organisational procedures
- selecting and using required personal protective equipment
- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

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
- problems that can occur when using and maintaining minor mechanical equipment and related action that should be taken to resolve these problems
- relevant work health and safety (WHS)/occupational health and safety (OHS) and

- environmental procedures and regulations
- tools and equipment for using and maintaining minor mechanical equipment, and the procedures and precautions for their care, use and storage
- workplace documentation and records requirements
- workplace procedures for using and maintaining minor mechanical equipment.

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>