



Australian Government

TLIB2092 Operate minor mechanical equipment

Release: 2

TLIB2092 Operate minor mechanical equipment

Modification History

Release 2. This is the second release of this unit of competency in the TLI Transport and Logistics Training Package:

- Minor statement changes in Performance Evidence
- Minor statement changes in PC 2.2
- Minor statement changes in Assessment Conditions.

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

Application

It includes carrying out pre-operation checks on equipment, operating mechanical equipment, conducting routine maintenance, and securing and storing equipment.

People achieving competence in this unit will need to fulfil the applicable state/territory legislated rail safety requirements and to comply with relevant codes of practice and/or guidelines.

Work is performed under some supervision, generally within a team environment. It involves the application of routine procedures when operating and maintaining minor mechanical equipment across a variety of operational contexts.

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

Rail sector.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

1 Carry out pre-operation checks	1.1	Pre-operational checks are conducted in accordance with manufacturer specifications to ensure optimum functionality of equipment
	1.2	Hazards are identified, risks are assessed and control measures are implemented
	1.3	Necessary adjustments to equipment are made to ensure efficient operation, in accordance manufacturer instructions
	1.4	Faulty equipment is tagged-out and 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 protective equipment (PPE) is used to minimise the risk of injury to operator
	2.3	Work operational hazards are identified and eliminated or controlled appropriately when using equipment to ensure safe working conditions
	2.4	Assisting personnel are given clear instructions about their duties as required to ensure safe and effective working conditions
3 Conduct routine maintenance	3.1	Equipment is cleaned and maintained in accordance with manufacturer specifications to ensure optimum functionality
	3.2	Records are maintained according to workplace procedures
4 Secure and store equipment	4.1	Equipment is handled and transported in a safe, secure, efficient manner to minimise risk of injury to personnel and damage to equipment
	4.2	Equipment is secured in storage area in accordance with operational procedures

- 4.3** Equipment is stored in accordance with manufacturer and workplace procedures to prevent loss and damage to 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.

Unit Mapping Information

This unit replaces and is equivalent to TLIB2092A Operate 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 TLIB2092 Operate minor mechanical equipment

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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 one occasion and include:

- applying relevant workplace procedures
- communicating effectively with others
- completing relevant documentation
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- identifying, selecting and efficiently and effectively using relevant tools and equipment
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring equipment performance
- reading and interpreting relevant manufacturer instructions, procedures, information and signs
- reporting and/or rectifying identified problems, faults or malfunctions, in accordance with regulatory requirements and workplace procedures
- selecting and using required personal protective equipment (PPE) conforming to industry and work health and safety (WHS)/occupational health and safety (OHS) standards
- servicing equipment in terms of maintenance schedule and operating procedures
- 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 operating and maintaining minor mechanical equipment, and related action that should be taken
- relevant manufacturer operating procedure or manual
- relevant WHS/OHS and environmental procedures and regulations
- tools and equipment used when operating and maintaining minor mechanical equipment, and the procedures and precautions for their care, use and storage
- workplace documentation and records requirements
- workplace procedures and policies for operating and maintaining minor mechanical equipment.

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 or, where this is not available, 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 must include access to:

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

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