



Australian Government

TLIB2119 Carry out maintenance of trailers

Release: 1

TLIB2119 Carry out maintenance of trailers

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 carry out basic servicing and maintenance of a commercial trailer across a variety of operational contexts.

It includes action to implement trailer manufacturer specifications for routine checks and maintenance, to ensure all specified safety requirements are met, and to ensure trailer is operational to workplace requirements and relevant state/territory roads and traffic authority regulations.

Work is performed with limited or minimum supervision, and with limited accountability and responsibility for self and others in achieving the prescribed outcomes.

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 Identify faults and perform routine

PERFORMANCE CRITERIA

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

1.1 Job hazards are identified and required action is taken to minimise, control or eliminate identified hazards

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| maintenance | 1.2 Trailer faults are identified and diagnosed in accordance with workplace procedures |
| | 1.3 Trailer components are lubricated in accordance with manufacturer instructions and workplace procedures |
| 2 Carry out repairs on trailers | 2.1 Trailer air/hydraulic brake system is inspected and adjusted, and required minor maintenance or repairs are carried out |
| | 2.2 Trailer electrical system is checked for correct operation and required minor maintenance or repairs are carried out |
| | 2.3 Trailer suspension and axles are inspected and identified faults are repaired and/or reported in accordance with workplace procedures |
| | 2.4 Trailer wheels and tyres are inspected, removed, repaired and refitted as required, in accordance with workplace procedures |
| | 2.5 Required documentation is completed in accordance with workplace procedures |
| | 2.6 Records of routine maintenance and repairs are kept in accordance with workplace 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 can be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIB2119A Carry out maintenance of trailers.

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 TLIB2119 Carry out maintenance of trailers

Modification History

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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 precautions and required action to minimise, control or eliminate identified hazards
- applying relevant legislation and workplace procedures
- carrying out lubrication processes in the course of work activities
- communicating and working effectively with others
- completing relevant documentation
- monitoring and prioritising work activities in terms of planned schedule
- operating and adapting to differences in equipment in accordance with workplace procedures
- reading, interpreting and following relevant instructions, procedures, information and signs
- reporting and/or rectifying identified problems, faults or malfunctions promptly, in accordance with regulatory requirements and workplace procedures
- servicing trailer and equipment in terms of maintenance schedule and standard 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:

- basic fault-finding procedures required during routine servicing and maintenance of trailers
- basic principles of operation of systems on commercial trailers, including electrical systems, tyres, brakes and coupling systems
- housekeeping standards required for routine servicing and maintenance
- problems that may occur during routine servicing and maintenance of trailers and appropriate actions and solutions
- procedures for checking, and routine servicing and maintenance of commercial trailers in accordance with workplace procedures, manufacturer requirements and established safety rules and regulations
- procedures for using and maintaining materials, tools and parts required for routine servicing and maintenance
- recognition and diagnosis of faults and trailer irregularities
- relevant duty of care requirements for routine servicing and maintenance of trailers
- relevant national heavy vehicle legislation and regulatory requirements
- relevant work health and safety (WHS)/occupational health and safety (OHS) and pollution control procedures
- reporting and documentation requirements.

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.

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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

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