



Australian Government

TLIB3005 Carry out maintenance of vehicles designed to carry special loads

Release: 1

TLIB3005 Carry out maintenance of vehicles designed to carry special loads

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 routine maintenance of a commercial vehicle designed to carry a special load, across a variety of operational contexts.

It includes action to implement manufacturer specifications for routine checks and maintenance of vehicle and its associated ancillary equipment, to ensure all specified safety requirements are met, and to ensure vehicle and its ancillary equipment are operational to workplace requirements and relevant state/territory roads and traffic authority regulations.

Work must be carried out in accordance with relevant roads and traffic authority regulations, and workplace procedures and policy for vehicle maintenance.

Work is performed with limited supervision and with duty of care 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

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to

essential outcomes.

demonstrate achievement of the element.

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| 1 Diagnose vehicle faults and undertake repairs for safe vehicle operation | 1.1 Job hazards are identified and required action is taken to minimise, control or eliminate identified hazards |
| | 1.2 Faults in vehicle and/or ancillary equipment electrical system are identified, diagnosed and repaired, in accordance with manufacturer specifications and workplace procedures |
| | 1.3 Faults in fuel system are identified, diagnosed and repaired in accordance with manufacturer specifications and workplace procedures |
| 2 Maintain the vehicle systems | 2.1 Fluid levels in vehicle and/or ancillary equipment are checked and adjusted in accordance with manufacturer specifications and workplace procedures |
| | 2.2 Air/hydraulic fluid levels in vehicle and/or ancillary equipment are checked and adjusted in accordance with manufacturer specifications and workplace procedures |
| | 2.3 Safety equipment is inspected in accordance with regulatory requirements and workplace procedures |
| 3 Carry out minor repairs to a vehicle | 3.1 Vehicle components are removed, repaired or replaced and refitted to vehicle using correct tools in accordance with manufacturer instructions and workplace procedures |
| | 3.2 Tyres are repaired or replaced on vehicle in accordance with workplace procedures and manufacturer instructions |
| | 3.3 Need for more complex maintenance procedures is identified and problem is correctly referred in accordance with workplace procedures |
| | 3.4 Work health and safety (WHS)/occupational health and safety (OHS) procedures are followed throughout maintenance activities |
| | 3.5 Required documentation is completed in accordance with workplace procedures |
| | 3.6 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 TLIB3005A Carry out maintenance of vehicles designed to carry special loads.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>