



Australian Government

TLIB2130 Diagnose and rectify minor faults on on-track vehicles

Release: 1

TLIB2130 Diagnose and rectify minor faults on on-track vehicles

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 diagnose and rectify minor faults on on-track vehicles, in accordance with organisational requirements.

It includes identifying repair and maintenance requirements, and conducting repairs and minor maintenance.

It involves the application of routine minor fault diagnosis and rectification procedures to maintain the safety and operation of on-track vehicles. This unit only covers minor repairs as defined by organisational policies.

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

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

1 Identify repair and maintenance

1.1 Faulty or damaged components or equipment are identified and assessed for component exchange or minor repair

requirements	1.2 Hazards are identified, risks are assessed and control measures are implemented
	1.3 Identified faulty or damaged components outside own scope, as determined by organisational policies, are reported in accordance with organisational procedures
	1.4 Where repair/maintenance/component exchange is appropriate, equipment and tools required are identified and obtained
	1.5 Work areas and equipment are prepared and made safe for repair/maintenance/component exchange activities
2 Conduct minor repairs and maintenance	2.1 Routine repair/maintenance/component exchange is carried out in accordance with manufacturer specifications and organisational procedures
	2.2 Equipment, tools and materials are operated, applied and handled in accordance with work health and safety (WHS)/occupational health and safety (OHS) requirements and manufacturer specifications to prevent injury and damage
3 Check and report minor repairs and maintenance	3.1 Minor repair/maintenance/component exchange activities are checked for compliance with manufacturer specifications and workplace procedures
	3.2 Equipment is checked to confirm it has been restored to operational standards
	3.3 Worksite is checked for cleanliness and operational safety, and appropriate action is taken to restore site and equipment
	3.4 Repair/maintenance/component exchange activities are documented and processed in accordance with organisational 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 TLIB2130A Diagnose and rectify minor faults on on-track vehicles.

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 TLIB2130 Diagnose and rectify minor faults on on-track vehicles

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:

- adapting to differences in on-track vehicles and associated equipment and procedures
- applying relevant workplace procedures
- carrying out minor repairs, maintenance and component exchange on different on-track vehicles
- changing out faulty components in accordance with organisational procedures and manufacturer specifications
- following correct procedure for identifying minor faults
- following correct workplace requirements for reporting identified defects
- identifying equipment checks required for a range of on-track vehicles in the workplace
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- identifying typical faults or defects that may occur on on-track vehicles
- modifying activities depending on operational contingencies, risk situations and environments
- reading and interpreting relevant instructions, procedures, information and signs
- reporting minor faults and completing organisational documentation.

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:

- hazards that may exist when diagnosing and rectifying minor faults with on-track vehicle/s and ways of controlling the risks involved
- organisational procedures for diagnosing and rectifying minor faults with on-track vehicle/s
- problems that may occur when diagnosing and rectifying minor faults with on-track vehicle/s and action that can be taken to report or resolve these problems

- relevant rail safety, work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- tools and equipment used when diagnosing and rectifying minor faults and the procedures and precautions for their care, use and storage
- workplace documentation and records 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 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 include:

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

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