



Australian Government

**TLIB3113 Diagnose and rectify minor
faults on motive power units and rolling
stock**

Release: 2

TLIB3113 Diagnose and rectify minor faults on motive power units and rolling stock

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 Knowledge Requirement
- 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

This unit involves the skills and knowledge required to identify, diagnose and rectify minor faults on motive power units and rolling stock in accordance with workplace requirements.

It includes identifying maintenance and/or repair requirements, conducting minor maintenance and routine repairs, checking and reporting minor maintenance and/or repairs, and providing support in accordance with workplace procedures.

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 minor fault diagnosis and rectification procedures when maintaining the safety and operation of equipment across a variety of operational rail transport 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.

1 Identify maintenance and repair requirements

2 Conduct minor maintenance and routine repairs

3 Check and report minor maintenance and repairs

PERFORMANCE CRITERIA

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

- 1.1** Hazards are identified, risks are assessed and risk control measures are implemented
- 1.2** Condition of rolling stock and/or motive power unit ancillary equipment is assessed
- 1.3** Faulty or damaged components or equipment are identified and assessed for component exchange or minor repair
- 1.4** Equipment and tools required are identified and obtained
- 1.5** Equipment is prepared and work areas are checked to ensure maintenance, repair and component exchange activities are carried out in a safe environment
- 1.6** Faulty or damaged components or equipment that are not able to be repaired or exchanged are reported for further maintenance in accordance with workplace procedures
- 2.1** Minor maintenance, routine repairs and component exchange are carried out in accordance with manufacturer specifications and workplace procedures
- 2.2** Equipment, tools and materials required 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
- 3.1** Minor maintenance, repairs and component exchange activities are checked for compliance with safety requirements and workplace procedures
- 3.2** Equipment is checked to confirm it has been restored to operational standards
- 3.3** Maintenance, repair and component exchange activities are documented and filed in accordance with workplace procedures

and regulatory requirements

3.4 Work area is checked for cleanliness and operational safety

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 TLIB3113B Diagnose and rectify minor faults on motive power units and rolling stock.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>