



Australian Government

TLIB4080 Identify, diagnose and rectify minor faults on motive power units and rolling stock

Release: 1

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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 identify, diagnose and rectify minor faults on motive power units and rolling stock in accordance with workplace requirements.

This includes identifying repair requirements, conducting minor repairs, checking and reporting minor repairs.

Work must be carried out in accordance with organisational procedures and regulations, and safeworking codes of practice relevant to fault diagnosis and rectification.

Work involves the application of routine minor fault diagnosis and rectification procedures when maintaining the safety and operation of motive power units and rolling stock 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

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

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|---|---|
| 1 Identify faults, defects and deficiencies | <ul style="list-style-type: none">1.1 Operational capability of rolling stock and/or motive power unit ancillary equipment is evaluated1.2 Faulty or damaged components or equipment are identified and assessed1.3 Hazards are identified, risks are assessed and control measures are implemented1.4 Impact of faults on work requirements is identified and safe operating capabilities are evaluated1.5 Work areas and equipment are made safe for inspection |
| 2 Rectify minor faults | <ul style="list-style-type: none">2.1 Minor repairs and/or isolations are carried out in accordance with manufacturer specifications and organisational procedures2.2 Equipment, tools and required 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/or isolations | <ul style="list-style-type: none">3.1 Minor repairs and/or isolations are checked for safety compliance3.2 Equipment is checked to ensure it conforms to organisational standards3.3 Action taken is reported/recorded in accordance with company procedure3.4 Operational capabilities are monitored and further evaluated3.5 Communication is maintained with relevant personnel |

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 TLIB4080A Identify, 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>