



Australian Government

TLIB2133 Test medium/heavy track vehicle braking system

Release: 1

TLIB2133 Test medium/heavy track vehicle braking system

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 test the braking system on medium/heavy track vehicle/s in accordance with manufacturer specifications and/or organisational procedures.

It includes planning and preparing for track vehicle brake inspecting and testing, inspecting and testing track vehicle brake operations, and completing documentation.

This unit applies to people involved in testing a track vehicle braking system as part of workplace activities within the rail industry.

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 Plan and prepare for track vehicle brake inspection and

PERFORMANCE CRITERIA

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

1.1 Logbooks and other relevant documentation are checked to establish existing identified defects

testing

- 1.2 Hazards are identified, risks are assessed and control measures are implemented
- 1.3 Track vehicle is isolated or secured, in accordance with workplace procedures, to make the work area safe prior to inspection

2 Inspect and test track vehicle brake operation

- 2.1 Tools and equipment required to inspect and test brake equipment are identified and obtained
- 2.2 Visual and acoustic inspections are conducted to identify faults or defects
- 2.3 Brakes are applied and released to ensure track vehicle braking system meets functional specifications
- 2.4 Identified defects and faults are rectified and/or reported in accordance with manufacturer specifications and/or organisational procedures

3 Complete documentation

- 3.1 Required documentation procedures and processes are confirmed
- 3.2 Logbook and other service records on the track vehicle are completed in accordance with organisational procedures
- 3.3 Documentation and records are proofread and processed 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 TLIB2133A Test medium/heavy track vehicle braking system.

Links

Companion Volume implementation guides are found in VETNet -

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