



**Australian Government**

# **TLIB3100 Visually inspect track infrastructure**

**Release: 2**

# TLIB3100 Visually inspect track infrastructure

## Modification History

**Release 2.** This is the second release of this unit of competency in the TLI Transport and Logistics Training Package:

- Minor words changed in PC 1.4
- Minor words changed in Performance Evidence
- Minor word changes in Knowledge Evidence
- 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 visually inspect track infrastructure in accordance with safeworking and regulatory requirements, and workplace procedures.

It includes patrolling the track and right of way infrastructure, and recording and documenting identified defects in accordance with workplace requirements.

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 minimal supervision, generally within a team environment. It involves the application of routine operational principles and procedures when visually inspecting railway track infrastructure, as part of workplace activities across a variety of operational contexts within the Australian rail system.

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 Patrol track infrastructure

#### 2 Record and document defects

### PERFORMANCE CRITERIA

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

**1.1** Appropriate inspection method is used to conduct visual examinations of track and right of way, to identify defects

**1.2** Hazards are identified, risks are assessed and control measures are implemented

**1.3** Visual examinations are performed in accordance with workplace procedures and inspection schedules

**1.4** Variations from allowable tolerances, defects and deficiencies likely to affect rail traffic safety are identified to enable appropriate actions to be taken

**1.5** Unsatisfactory conditions are assessed in terms of seriousness and priority

**2.1** Defects and deficiencies are reported to enable repairs to be undertaken in a timely manner

**2.2** Inspection schedule or work report data is completed 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 TLI Transport and Logistics Training Package Companion Volume Implementation Guide.

## Unit Mapping Information

This unit replaces and is equivalent to TLIB3100A Visually inspect track infrastructure.

## Links

Companion Volume Implementation Guides are found in VETNet -

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