



Australian Government

TLIS3026 Implement track maintenance and construction

Release: 2

TLIS3026 Implement track maintenance and construction

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 Performance Evidence
- Minor words changed 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 implement track maintenance and construction activities in accordance with approved standards, safeworking and regulatory requirements, and workplace procedures.

It includes planning work, implementing construction or maintenance activities, dealing with maintenance and construction problems, and completing required documentation.

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 generally in a team environment. It involves the application of routine operational principles and procedures when implementing track maintenance and/or construction, 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

S – Construction and Installation

Unit Sector

Rail sector.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Plan work

PERFORMANCE CRITERIA

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

1.1 Scope of work is confirmed

1.2 Hazards are identified, risks assessed and control measures implemented

1.3 Operational constraints are identified

1.4 Information requirements are identified and accessed

1.5 Method of work is selected and general operating sequence is determined

1.6 Resources required for the work are arranged

2 Implement construction or maintenance activities

2.1 Competent personnel are allocated tasks in accordance with the work sequence

2.2 Tasks are assessed as being in accordance with the predetermined sequence and appropriate for the work

2.3 Work procedures are monitored and evaluated as being appropriate and in accordance with standards and procedures

2.4 Human and other resources are assessed as being adequate for the work

3 Deal with maintenance and construction problems

3.1 Causes and effects of system faults and failures within the worksite are diagnosed

3.2 Impact of work on track system integrity is assessed

3.3 Appropriate action is taken to ensure track system integrity

3.4 Scope of work is modified to include related tasks and/or interfaces

3.5 Related faults and/or failures beyond the authorised scope of work are reported

4 Complete documentation

4.1 Required documentation procedures and processes are

confirmed

- 4.2 Documentation is filled in legibly and proofread
- 4.3 Documentation is processed in accordance with workplace 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.

Unit Mapping Information

This unit replaces and is equivalent to TLIS3026B Implement track maintenance and construction.

Links

Companion Volume Implementation Guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>