



Australian Government

TLIS3029 Implement structures maintenance and installation of minor structures

Release: 2

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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 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 structures maintenance and installation of minor structures in accordance with rail network standards, safeworking and regulatory requirements, and workplace procedures.

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

People achieving competence in this unit will need to fulfil 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 in a team environment. It involves the application of routine operational principles and procedures when implementing structures maintenance and installing minor structures, 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.

PERFORMANCE CRITERIA

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

1 Plan work

- 1.1 Scope of work is confirmed
- 1.2 Hazards are identified, risks are assessed and control measures are 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 maintenance and construction 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 rail network 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 in the worksite are diagnosed
- 3.2 Impact of work on structure integrity is assessed
- 3.3 Impact of work on track system integrity is assessed
- 3.4 Appropriate action is taken to ensure structure and track system integrity
- 3.5 Scope of work is modified to include related tasks and/or interfaces
- 3.6 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 TLIS3029B Implement structures maintenance and installation of minor structures.

Links

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