



**Australian Government**

# **TLIS0002 Install and maintain surface track drainage**

**Release: 1**

# TLIS0002 Install and maintain surface track drainage

## 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 install and/or maintain surface track drainage manually and mechanically in accordance with safeworking and regulatory requirements, and workplace procedures.

It includes determining the job requirements, carrying out the maintenance of track drainage in accordance with work orders and completing all 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 under some supervision, generally within a team environment. It involves the application of routine operational principles and procedures when installing and maintaining surface track drainage maintenance, as part of workplace activities across a variety of operational contexts within the Australian rail system.

Operators of mechanised equipment must have undertaken training and, where appropriate, hold the relevant licence, permit or certificate and be recognised as competent for the class of machinery being used.

## Pre-requisite Unit

Not applicable.

## Competency Field

S – Construction and Installation

## Unit Sector

Rail sector.

## Elements and Performance Criteria

### ELEMENTS

### PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

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|--|--|
| <b>1 Determine job requirements</b>    | <p><b>1.1</b> Worksite is identified</p> <p><b>1.2</b> Hazards are identified, risks are assessed and control measures are implemented</p> <p><b>1.3</b> Underground services are identified as required and marked to protect services from excavation</p> <p><b>1.4</b> Work method and resources are selected to meet job requirements</p>  |
| <b>2 Undertake track drainage work</b> | <p><b>2.1</b> Environmental protection requirements are implemented as required</p> <p><b>2.2</b> Drainage is cleaned to relevant standard by mechanical methods in accordance with workplace standards and/or procedures</p> <p><b>2.3</b> Drainage is cleaned, repaired or installed to relevant standard by manual methods in accordance with workplace standards and/or procedures</p> <p><b>2.4</b> Work is completed to meet drainage requirements</p> |
| <b>3 Complete documentation</b>        | <p><b>3.1</b> Required documentation procedures and processes are confirmed</p> <p><b>3.2</b> Documentation is filled in legibly and proofread</p> <p><b>3.3</b> Documentation is processed in accordance with workplace procedures</p>  |

## 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 TLIS2027 Install and maintain surface track drainage.

## Links

Companion Volume Implementation Guides are found in VETNet -

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