



**Australian Government**

# **TLIS2035 Install and repair fences and gates**

**Release: 2**

# TLIS2035 Install and repair fences and gates

## 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 install and repair fences and gates in accordance with safeworking and regulatory requirements, and workplace procedures.

It includes selecting and preparing the materials, clearing and excavating the site, digging the required holes, installing the components, performing any required repairs and maintenance of the fences and/or gates, 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 under some supervision, generally within a team environment. It involves the application of routine operational principles and procedures when installing and repairing fences and gates, 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.

#### **1 Select and prepare materials**

- 1.1** Work requirements are determined to identify scope of work and resources required
- 1.2** Obstacles are identified and underground services are marked to avoid the vicinity of the fence line
- 1.3** Hazards are identified, risks are assessed and control measures are implemented
- 1.4** Materials required for job are selected in accordance with specifications
- 1.5** Materials are prepared using appropriate methods and tools

#### **2 Dig holes and excavate soil**

- 2.1** Site is cleared and excavations are made, as required, to ensure access and safeworking conditions
- 2.2** Holes are dug to requirements using appropriate methods and equipment to enable safe construction of fence

#### **3 Install components**

- 3.1** Poles/posts are concreted or compacted into position in accordance with job requirements
- 3.2** Wire is strung and tensioned to standard as required
- 3.3** Fencing is constructed to appropriate standards

#### **4 Perform repairs and maintenance**

- 4.1** Defective materials/components are removed and replaced, as required, to ensure correct operation and function of fence or gate
- 4.2** Tools and equipment are stored securely, following safety guidelines
- 4.3** Required documentation is confirmed, completed and 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 TLIS2035A Install and repair fences and gates.

## **Links**

Companion Volume Implementation Guides are found in VETNet -

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