



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

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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>

Assessment Requirements for TLIS2035 Install and repair fences and gates

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- applying relevant safeworking system and workplace procedures
- identifying job hazards and taking required actions to minimise, control or eliminate identified hazards
- installing and repairing fences and gates in accordance with workplace procedures
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring work activities in terms of planned schedule
- reading and interpreting relevant instructions and manuals
- reporting and/or rectifying identified problems, faults or malfunctions, in accordance with workplace procedures
- selecting and using relevant tools and equipment
- working systematically with required attention to detail without injury to self or others, or damage to equipment.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- characteristics of plant and equipment, hardware and components used in work activities
- contents of relevant workplace technical manuals and instructions
- hazards that may exist when installing and repairing fences and gates, and ways of controlling the risks involved
- problems that may occur when installing and repairing fences and gates, and actions that can be taken to report or resolve these problems
- relevant rail industry standards for installing and repairing fences and gates

- relevant rail safety, work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- workplace documentation requirements
- workplace procedures for installing and repairing fences and gates.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations or, where this is not available, in simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation including workplace procedures, regulations, rail industry standards, codes of practice and operation manuals.

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