



Australian Government

TLIS2033 Install and repair temporary track supports

Release: 2

TLIS2033 Install and repair temporary track supports

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 temporary track supports in accordance with safeworking and regulatory requirements, and workplace procedures.

It includes determining job requirements, preparing and installing temporary support and completing 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 temporary track supports, 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.

1 Prepare for work

2 Install or repair temporary support

3 Complete documentation

PERFORMANCE CRITERIA

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

1.1 Worksite is identified

1.2 Hazards are identified, risks are assessed and control measures are implemented

1.3 Plant, equipment and materials are organised to meet the scope of the job and installation type

2.1 Foundation is prepared, as required, in accordance with site requirements and specifications

2.2 Component surfaces are treated with appropriate coating as required to prevent degradation of components

2.3 Temporary support is installed in accordance with workplace standards and procedures

2.4 Level and alignment are adjusted to running surface to ensure correct geometry and profile

2.5 Temporary support is adjusted/readjusted and secured, as required, to ensure full bearing is achieved for integrity and safety of structure

3.1 Required documentation procedures and processes are confirmed

3.2 Documentation is filled in legibly and proofread

3.3 Documentation is processed in accordance with workplace procedures

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 TLIS2033A Install and repair temporary track supports.

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 TLIS2033 Install and repair temporary track supports

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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 workplace procedures
- checking compliance of work with job specifications
- completing relevant documentation
- determining job requirements
- following operational instructions and work sequences
- identifying job hazards and taking required actions to minimise, control or eliminate identified hazards
- installing and/or repairing a range of temporary supports
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring work activities in terms of planned schedule
- organising plant, materials and equipment for scope of the track support job
- planning work requirements in accordance with workplace procedures
- preparing and installing temporary supports
- reading and interpreting relevant plans, specifications, instructions and manuals
- reporting and/or rectifying identified problems, faults or malfunctions, in accordance with workplace procedures
- selecting and using relevant equipment and tools in accordance with workplace procedures.

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:

- emergency management plan
- hazards that may exist when installing and repairing temporary track supports, and ways of controlling the risks involved

- problems that may occur when installing and repairing temporary track supports, and actions that can be taken to report or resolve these problems
- relevant rail industry standards
- relevant recording and documentation procedures
- relevant rail safety, work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- track support equipment and material specification, and compliance with workplace safeworking procedures
- workplace procedures for installing and repairing temporary track supports.

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 rail corridor 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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