



Australian Government

TLIS2028 Install and replace transoms

Release: 2

TLIS2028 Install and replace transoms

Modification History

Release 2. This is the second release of this unit of competency in the TLI Transport and Logistics Training Package:

- Minor PC 2.4 and PC 2.5 wording changes
- 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 replace transoms on underbridges in accordance with safeworking and regulatory requirements, and workplace procedures.

It includes preparing for work, installing/replacing transoms 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 minimal supervision, generally within a team environment.

It involves the application of routine operational principles and procedures when installing or replacing transoms, 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 Prepare for work

- 1.1 Worksite is identified
- 1.2 Hazards are identified, risks are assessed and control measures are implemented
- 1.3 Installation, replacement or repair method is selected to meet work requirements in accordance with workplace procedures
- 1.4 Plant, equipment and other materials are prepared for work
- 1.5 Transoms are prepared in accordance with job requirements using correct methods, including dressing and protective coatings

2 Install or replace transoms

- 2.1 Unserviceable transoms are extracted, as required, using manual or mechanical methods in accordance with workplace procedures
- 2.2 New transom is installed using manual or mechanical methods in accordance with workplace standards and procedures
- 2.3 Transom is suitably supported by appropriate methods in accordance with workplace standards and procedures
- 2.4 Transom fixtures are replaced or tightened as required
- 2.5 Work is completed to meet track geometry requirements in accordance with rail industry standards and workplace procedures
- 2.6 Work is checked for compliance with acceptance standards for spacing, skew and geometry

3 Complete documentation

- 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.

Non-essential conditions can be found in the TLI Transport and Logistics Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIS2028A Install and replace transoms.

Links

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