



Australian Government

TLIB3095 Check and repair points and crossings

Release: 2

TLIB3095 Check and repair points and crossings

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 check and repair points and crossings in accordance with rail industry standards, safeworking and regulatory requirements, and workplace procedures.

It includes determining job requirements, maintaining components and tolerances, installing components, conducting post-installation checks 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 checking and repairing points and crossings, 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

B – Equipment Checking and Maintenance

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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|---|---|
| 1 Determine job requirements | <p>1.1 Faults and deficiencies in points and crossings are identified and work required to restore track to required standard is determined</p> <p>1.2 Hazards are identified, risks are assessed and control measures are implemented</p> <p>1.3 Repair methods are appropriately identified to enable repairs to be made</p> <p>1.4 Job requirements are determined in accordance with workplace procedures, and scope of work activities and resources required are identified</p> |
| 2 Maintain components and tolerances | <p>2.1 Clearances are adjusted to specifications to ensure correct functioning</p> <p>2.2 Wearing surfaces are cleaned and lubricated as required to minimise wear and ensure correct functioning</p> |
| 3 Install components | <p>3.1 New components are prepared to specifications ready for installation</p> <p>3.2 Tools and equipment required for installation are identified and accessed</p> <p>3.3 New and replacement components are installed in accordance with rail industry standards and workplace procedures</p> |
| 4 Conduct post-installation checks | <p>4.1 Functional checks are carried out to ensure correct operation</p> <p>4.2 Completed work is checked for compliance to acceptance standards in accordance with workplace procedures</p> <p>4.3 Operating conditions are applied appropriately, in accordance with workplace procedures</p> |
| 5 Complete documentation | <p>5.1 Required documentation procedures and processes are confirmed</p> |

- 5.2 Documentation is filled in legibly and proofread
- 5.3 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 TLIB3095A Check and repair points and crossings.

Links

Companion Volume Implementation Guides are found in VETNet -

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