



Australian Government

TLIB2096 Repair concrete/masonry structures

Release: 2

TLIB2096 Repair concrete/masonry structures

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 Knowledge Evidence
- 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 repair concrete/masonry structures and their components in accordance with safeworking and regulatory requirements, and workplace procedures.

It includes determining job requirements, preparing components, performing repairs and cleaning up the site after maintenance activities.

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 repairing concrete/masonry structures and their components, 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

B – Equipment Checking and Maintenance

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.

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| 1 Determine job requirements | 1.1 Structures are inspected as required to locate defects |
| | 1.2 Hazards are identified, risks are assessed and control measures are implemented |
| | 1.3 Scope of work and resources required are identified |
| | 1.4 Job is planned in accordance with availability of required resources |
| 2 Prepare components for repair | 2.1 Components requiring repair are identified and isolated or marked in accordance with workplace procedures |
| | 2.2 Materials required for job are identified and organised as required to enable appropriate repair of components |
| 3 Perform repairs | 3.1 Defective area is removed in accordance with workplace procedures |
| | 3.2 Repairs are carried out to required standard in accordance with workplace procedures |
| 4 Clean up site | 4.1 Workplace procedures and environmental regulations and standards relevant to site clean-up are confirmed and clarified as required |
| | 4.2 Waste is minimised and reused or disposed of in accordance with relevant workplace procedures and environmental regulations and standards |
| | 4.3 Cleaning products and materials are disposed of in accordance with relevant workplace procedures and environmental regulations and standards |
| | 4.4 Established site restoration practices are followed and problems with these practices are identified and reported |
| 5 Complete documentation | 5.1 Required documentation procedures and processes are confirmed |
| | 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.

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 TLIB2096A Repair concrete/masonry structures.

Links

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