



Australian Government

TLIB2081 Repair timber structures

Release: 2

TLIB2081 Repair timber structures

Modification History

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

- Minor Performance Evidence added
- 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 timber structures and their components, in accordance with safeworking and regulatory requirements, and workplace procedures.

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

1 Determine job requirements

2 Prepare component for repair

3 Perform repairs

4 Clean up site

PERFORMANCE CRITERIA

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

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 Job requirements are determined in accordance with workplace procedures, and scope of work and resources required are identified

2.1 Components requiring replacement are checked against standards and are measured for preparation of replacement component

2.2 Materials required for job are identified and organised as required to enable appropriate replacement of components

2.3 Replacement components are cut and shaped to the required standard in accordance with workplace procedures

2.4 Surfaces of components are treated using appropriate methods and materials as required

3.1 Component is replaced to required standard in accordance with workplace procedures

3.2 Connections between timber members are tightened, repaired or replaced using approved material and techniques

3.3 External timber deficiencies in components are treated with suitable materials as required to minimise degradation of components

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 TLIB2081A Repair timber structures.

Links

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