



**Australian Government**

# **TLIB2081 Repair timber structures**

**Release: 1**

# **TLIB2081 Repair timber structures**

## **Modification History**

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**

Not applicable.

## **Elements and Performance Criteria**

### **ELEMENTS**

### **PERFORMANCE CRITERIA**

Elements describe the essential outcomes.

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

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

## **2 Prepare component for repair**

- 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 Perform repairs**

- 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 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 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>