



**Australian Government**

# **TLIB2083 Maintain bridge bearings**

**Release: 2**

# TLIB2083 Maintain bridge bearings

## 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 maintain bridge bearings in accordance with safeworking and regulatory requirements, and workplace procedures.

It includes determining job requirements, maintaining bridge bearings, 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 maintaining bridge bearings, 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

### PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

- |                                      |   |
|--------------------------------------|---|
| <b>1 Determine job requirements</b>  | <p><b>1.1</b> Bridges are inspected as required to locate bearings requiring maintenance</p> <p><b>1.2</b> Hazards are identified, risks are assessed and control measures are implemented</p> <p><b>1.3</b> Job requirements are determined in accordance with workplace procedures, and scope of work and resources required are identified</p>   |
| <b>2 Perform bearing maintenance</b> | <p><b>2.1</b> Components requiring maintenance are cleaned and prepared in accordance with workplace procedures</p> <p><b>2.2</b> Bearing components are maintained to standard in accordance with workplace procedures</p>   |
| <b>3 Clean up site</b>               | <p><b>3.1</b> Workplace procedures and environmental regulations and standards relevant to site clean-up are confirmed and clarified as required</p> <p><b>3.2</b> Waste is minimised and reused or disposed of in accordance with relevant workplace procedures and environmental regulations and standards</p> <p><b>3.3</b> Cleaning products and materials are disposed of in accordance with relevant workplace procedures and environmental regulations and standards</p> <p><b>3.4</b> Established site restoration practices are followed and problems with these practices are identified and reported</p> |
| <b>4 Complete documentation</b>      | <p><b>4.1</b> Required documentation procedures and processes are confirmed</p> <p><b>4.2</b> Documentation is filled in legibly and proofread</p> <p><b>4.3</b> Documentation is processed in accordance with workplace procedures</p>   |

## 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 TLIB2083A Maintain bridge bearings.

## **Links**

Companion Volume Implementation Guides are found in VETNet -

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