



Australian Government

TLIB2084 Carry out routine maintenance of structures

Release: 2

TLIB2084 Carry out routine maintenance of 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 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 carry out routine maintenance of structures in accordance with safeworking and regulatory requirements, and workplace procedures.

It includes determining job requirements, performing routine maintenance, 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 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.

1 Determine job requirements

- 1.1** Structures are inspected as required to locate and evaluate 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 Perform routine maintenance

- 2.1** Components are cleaned and cleared in accordance with workplace procedures
- 2.2** Fastenings are tightened to required standard in accordance with workplace procedures
- 2.3** Minor defects that cannot be rectified are reported in accordance with workplace procedures

3 Clean up site

- 3.1** Workplace procedures and environmental regulations and standards relevant to site clean-up are confirmed and clarified as required
- 3.2** Waste is minimised and reused or disposed of in accordance with relevant workplace procedures and environmental regulations and standards
- 3.3** Cleaning products and materials are disposed of in accordance with relevant workplace procedures and environmental regulations and standards
- 3.4** Established site restoration practices are followed and problems with these practices are identified and reported

4 Complete documentation

- 4.1** Required documentation procedures and processes are confirmed
- 4.2** Documentation is filled in legibly and proofread
- 4.3** 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 TLIB2084A Carry out routine maintenance of structures.

Links

Companion Volume Implementation Guides are found in VETNet -

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

Assessment Requirements for TLIB2084 Carry out routine maintenance of structures

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least three separate occasions and include:

- applying relevant workplace procedures
- cleaning structures and components routinely in accordance with workplace procedures
- communicating effectively with others
- following operational instructions and work sequences
- identifying defects and remedies
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- implementing contingency plans
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring work activities in terms of planned schedule
- operating communications equipment to required protocol
- reporting and/or rectifying identified problems, faults or malfunctions, in accordance with regulatory requirements and workplace procedures
- selecting and using required tools and equipment
- tightening a range of fastener types.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- hazards that may exist when completing routine maintenance of structures and ways of controlling the risks involved
- problems that may occur during the routine maintenance of structures and action that can be taken to report or resolve these problems

- relevant rail danger zones
- relevant rail safety, work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- relevant recording and documentation procedures
- routine maintenance methods and techniques
- workplace procedures for maintaining structures.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Practical assessment must occur in an appropriate range of situations using fastener types in the workplace.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation including workplace procedures, regulations, rail industry standards, codes of practice and operation manuals.

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