



**Australian Government**

# **Assessment Requirements for TLIB2096 Repair concrete/masonry structures**

**Release: 2**

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## 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.

## 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
- following operational instructions and work sequences
- identifying defects in accordance with workplace procedures
- 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
- reading and interpreting relevant plans and specifications
- repairing a range of defect types
- repairing existing concrete/masonry structures using a range of repair techniques
- reporting and/or rectifying identified problems, faults or malfunctions promptly, in accordance with regulatory requirements and workplace procedures
- selecting and using relevant tools and equipment.

## 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:

- basic concrete construction techniques
- concrete/masonry structure repair methods and techniques
- functions of different types of concrete/masonry structures
- hazards that may exist when repairing concrete/masonry structures and ways of controlling

the risks involved

- problems that may occur during the repair of structures and action that can be taken to report or resolve these problems
- relevant recording and documentation procedures
- relevant work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- relevant rail industry standards
- safety data sheets (SDS)/material safety data sheets (MSDS) and/or manufacturer instructions, technical data sheets (TDS) and workplace procedure information on the use of epoxy and grouts for mortar pads and cracks
- workplace procedures for repairing concrete/masonry 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 repair techniques and defect 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 SDS/MSDS, workplace procedures, rail industry standards, regulations, codes of practice and operation manuals.

## Links

Companion Volume Implementation Guides are found in VETNet -

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