



Australian Government

Assessment Requirements for TLIB2082 Repair steel 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 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:

- adapting to differences in tools and equipment and work requirements in accordance with operating procedures
- applying relevant workplace procedures
- following operational instructions and work sequences when undertaking steel structures repair
- 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
- reading and interpreting relevant plans and specifications
- repairing a range of defect types in accordance with workplace procedures
- repairing existing steel structures using a range of repair techniques
- replacing steel components in accordance with workplace procedures
- reporting and/or rectifying identified problems, faults or malfunctions, in accordance with regulatory requirements and workplace procedures
- selecting and using relevant tools and equipment in accordance with workplace procedures.

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 steel component assembly techniques
- functions of different types of steel structures
- hazards that may exist when repairing structures and/or components and ways of controlling

the risks involved

- information on the use of epoxy and grouts for mortar pads in accordance with safety data sheets (SDS)/material safety data sheets (MSDS) and/or manufacturer instructions and organisational procedures
- problems that may occur during the repair of steel 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
- steel structures repair methods and techniques
- workplace procedures for repairing steel 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 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 simulated practical and knowledge assessments
- 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.

Links

Companion Volume Implementation Guides are found in VETNet -

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