



Australian Government

Assessment Requirements for TLIS3029 Implement structures maintenance and installation of minor structures

Release: 2

Assessment Requirements for TLIS3029 Implement structures maintenance and installation of minor 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.

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 five separate occasions and include:

- applying relevant workplace procedures
- assessing impact of work on structure integrity and on track system integrity
- communicating effectively with others
- identifying job hazards and taking required actions to minimise, control or eliminate identified hazards
- implementing contingency plans
- implementing structure maintenance and installation of minor structures in accordance with rail network standards, safeworking system and workplace procedures
- implementing, monitoring and evaluating maintenance activities
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring, sequencing and implementing work activities in terms of planned schedule and appropriateness, in conformance with standards and procedures
- operating and adapting to differences in equipment in accordance with operating procedures
- reading and interpreting relevant instructions, procedures, information, technical data, standards and drawings
- reporting and rectifying within limits of own role, problems, faults and malfunctions, in accordance with workplace procedures
- selecting appropriate equipment
- selecting appropriate safe work method for implementing structures maintenance and installing minor structures
- working collaboratively with others
- working systematically with required attention to detail without injury to self or others, or damage to goods or 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:

- documentation and record keeping requirements
- fundamentals of rail infrastructure relevant to implementing structures maintenance and installing minor structures
- hazards that may exist when undertaking structure maintenance and minor construction, and ways of controlling the risks involved
- problems that may occur when undertaking structure maintenance and minor construction, and action that can be taken to report or resolve these problems
- range of competencies required to carry out structure maintenance and construction
- range of structure maintenance and construction techniques and work processes
- relevant rail danger zones
- relevant rail network standards, specifications and codes of practice
- relevant rail safety, work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- structure defects and action that can be taken to report or resolve them
- structure infrastructure and the interaction of all interfaces.

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.

Assessment must occur in workplace operational situations or, where this is not available, in simulated workplace operational situations that replicate rail corridor workplace conditions.

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 network standards, codes of practice and operation manuals
- exercises able to demonstrate competent performance in implementing five activities as listed below.

Competence must be assessed in two designated activities, plus one specified activity, plus two remaining activities:

- designated activities (2):

- installing transoms
- installing minor structures
- specified activities (any 1):
 - repairing concrete/masonry structures
 - repairing timber structures
 - repairing steel structures
- remaining activities (any 2):
 - maintaining bridge bearings
 - carrying out routine maintenance of structures
 - installing temporary track support
 - mixing and applying chemical repair products.

Links

Companion Volume Implementation Guides are found in VETNet -

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