



Australian Government

Assessment Requirements for TLIS3026 Implement track maintenance and construction

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 words changed in Performance Evidence
- Minor words changed 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 during at least four instances and include:

- applying relevant system of safeworking and workplace procedures
- assessing impact of work on track system integrity
- diagnosing faults and failures resulting from work activities
- identifying job hazards and taking required actions to minimise, control or eliminate identified hazards
- implementing contingency plans
- interpreting and following operational instructions and prioritising work
- maintaining track geometry
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring, sequencing and implementing work activities in terms of planned schedule and appropriateness, in accordance with rail industry standards and workplace procedures
- operating and adapting to differences in equipment in accordance with operating procedures
- reading and interpreting relevant technical data, drawings, instructions and manuals
- reporting and rectifying within limits of own role, problems, faults and malfunctions, in accordance with workplace procedures
- selecting appropriate equipment in accordance with workplace procedures
- selecting appropriate work techniques
- supervising designated maintenance activities such as track construction, track maintenance or track surfacing
- working systematically with required attention to detail without injury to self or others, or damage to 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:

- competency requirements to carry out track maintenance and/or construction in accordance with regulatory requirements
- documentation and record keeping workplace requirements
- fundamentals of rail infrastructure requirements to carry out track maintenance and/or construction
- hazards that may exist when maintaining and/or constructing track and ways of controlling the risks involved
- problems that may occur when maintaining and/or constructing track and actions that can be taken to report or resolve these problems
- relevant communications systems and procedures
- 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
- track defects and required actions to ensure track system integrity
- track infrastructure and the interaction of all interfaces
- track maintenance and/or construction techniques and work methods.

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 in the rail corridor 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.

Links

Companion Volume Implementation Guides are found in VETNet -

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