



Australian Government

Assessment Requirements for TLIS3037 Install and repair rail earthworks

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 one occasion and include:

- applying relevant workplace procedures
- determining environmental protection requirements as required
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring work activities in terms of planned schedule
- reading and interpreting relevant plans
- repairing minor trackside earthworks including grading and compaction
- reporting and rectifying within limits of own role, identified problems, faults and malfunctions
- selecting and using relevant tools and equipment
- selecting appropriate safe work methods
- 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:

- causes of defects, such as erosion and water scouring
- characteristics of relevant plant and equipment, hardware and components used in earthwork activities
- environmental protection requirements relating to installing and repairing rail earthworks
- functions and design principles of track formation and earthworks
- hazardous situations and related personal protection measures
- hazards that may exist when installing and repairing rail earthworks, and ways of controlling

the risks involved

- information in relevant workplace technical manuals and instructions
- problems that may occur when installing and repairing rail earthworks, and actions that can be taken to report or resolve these problems
- relevant recording and documentation procedures
- relevant rail safety, work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- required rail network standards for materials and the methods involved in installing and repairing rail earthworks
- workplace procedures for installing and repairing rail earthworks.

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 network 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>