



Australian Government

TLIF0023 Conduct track protection assessment

Release: 1

TLIF0023 Conduct track protection assessment

Modification History

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Application

This unit involves the skills and knowledge required to conduct track protection assessments in accordance with Rail Infrastructure Manager, legislative and regulatory requirements.

It includes undertaking track assessment and determining the type of track protection required to perform work activities safely.

People achieving competence in this unit will need to fulfil the applicable state/territory legislated rail safety requirements and to comply with relevant codes of practice and/or guidelines.

The unit includes the application of Rail Infrastructure Manager rules, procedures and protocols for rail safety.

This unit also provides the authority to position lookout protection.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

F – Safety Management

Unit Sector

Rail sector.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

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|---|--|
| 1 Undertake track assessment | 1.1 Track work activity to be performed is identified and complexity is analysed |
| | 1.2 Impact of the work activity on the network is determined using formal decision-making processes |
| | 1.3 Hazards are identified, risks are assessed and control measures implemented |
| | 1.4 Track protection requirements are analysed and identified |
| | 1.5 Visual assessment is conducted to assess the characteristics of the track worksite |
| 2 Plan track protection required to perform work activity safely | 2.1 Outcomes of the visual assessment and the complexity of the track work activity are analysed to determine type of track protection required |
| | 2.2 Worksite or track protection plan is prepared in accordance with safety assessment outcomes and Rail Infrastructure Manager rules, procedures and protocols for rail safety |
| | 2.3 Worksite or track protection plan is communicated to relevant personnel |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions can be found in the TLI Transport and Logistics Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIF3083 Conduct track protection assessment.

Links

Companion Volume Implementation Guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>

Assessment Requirements for TLIF0023 Conduct track protection assessment

Modification History

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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:

- allocating time and resources to effectively achieve worksite or track protection plan
- committing to action by completing worksite or track protection plan and taking appropriate actions to implement the plan
- communicating factual information to create confidence and trust in accordance with the worksite or track protection plan including:
 - communicating with network control officer using appropriate communications systems
- communicating in a team by exchanging information through assigning responsibility and acknowledging communication content
- conducting a visual assessment of track worksite characteristics to identify job hazards and taking required actions to minimise, control or eliminate identified hazards
- defining the authority boundaries when conducting track protection assessment
- demonstrating in-field leadership by:
 - adjusting to team member contributions
 - engaging team members in seeking their input
 - providing constructive feedback to confirm commitment and alignment for each worker to the worksite or track protection plan
- ensuring appropriate equipment is available in accordance with worksite or track protection plan
- identifying and considering impact of fixed rail infrastructure when conducting track protection assessment including level and pedestrian crossings
- identifying positions for hand signaller and lookouts when conducting track protection assessment, as required
- identifying safe places when conducting track protection assessment
- identifying unsafe situations and emergencies
- preparing site protection arrangement plans
- preparing worksite protection plan
- reading and interpreting diagrams and other resources used for track protection assessment
- staying focused by allocating attention according to safety, effectively, efficiently and worksite or track protection plan priorities
- using formal decision-making processes, identifying or clarifying goals, gathering

information and monitoring on-going safety of people and network assets.

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:

- characteristics of track worksites
- formal decision-making processes
- operational communications protocols and systems
- positioning requirements for hand signallers
- Rail Infrastructure Manager policies, procedures, rules and protocols for identified unsafe situations or emergencies within workplace role
- Rail Infrastructure Manager rules and procedures for working around electrical infrastructure
- rail terminology as defined by the relevant Rail Infrastructure Manager systems of safeworking
- relevant rail danger zones
- types of track protection and systems of safeworking
- types of worksite protection equipment and their use
- work activity complexity
- worksite or track protection plans.

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 where it is appropriate to do so; where this is not appropriate, assessment must occur 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 and terminology as defined by the relevant Rail Infrastructure Manager systems of safeworking including workplace procedures, regulations, rules and

codes of practice.

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