



Australian Government

TLIC0084 Access rail track to travel track vehicles under manual block working conditions

Release: 1

TLIC0084 Access rail track to travel track vehicles under manual block working conditions

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 travel a track vehicle or convoy of track vehicles under manual block working conditions in accordance with Rail Infrastructure Manager, legislative and regulatory requirements.

It includes planning for travel movements, accessing track, travelling track vehicle/s on track to worksite, and clearing limit of travel.

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 but does not include the implementation of worksite protection.

All activities are performed under established rules and procedures.

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

Pre-requisite Unit

Not applicable.

Competency Field

C – Vehicle Operation

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
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Elements describe the essential outcomes. Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Plan for travel movements

- 1.1 Travel requirements are established and application for approval is initiated
- 1.2 Movements are confirmed with Network Control Officer prior to travel
- 1.3 Hazards are identified, risks are assessed and control measures are implemented
- 1.4 Pre-start briefing is conducted with track vehicle operators to clarify travel movements and their responsibilities, in accordance with advertised approval and workplace procedures

2 Access track

- 2.1 Permission to occupy track is requested from Network Control Officer and documented as required
- 2.2 Appropriate personal protective equipment (PPE) is used in accordance with Rail Infrastructure Manager requirements
- 2.3 Limits of travel are identified and protection of the route by Network Control Officer is confirmed
- 2.4 Stand alone signalling control equipment is identified and points are operated as required to gain access to the track as authorised by Network Control Officer
- 2.5 Changed local conditions are identified
- 2.6 Communications with Network Control Officer is maintained using appropriate communications protocols and systems, in accordance with Rail Infrastructure Manager requirements and workplace procedures

3 Travel track vehicle/s on track to worksite

- 3.1 Communications protocols and systems are used to coordinate the convoy as required
- 3.2 Speed limit is maintained for type of vehicle/s and track conditions
- 3.3 Speed limit is varied in accordance with local conditions
- 3.4 Permission is obtained to pass signals at STOP in accordance with workplace procedures
- 3.5 Track vehicle is managed to be able to stop short of other track vehicles or obstruction on track

- 3.6 Stand alone signalling control equipment is identified and points are operated as required, to establish correct direction as authorised by Network Control Officer
 - 3.7 Signals are identified and obeyed
 - 3.8 Level crossing protection equipment is operated as required, for the safe passage of track vehicle/s in accordance with workplace procedures
 - 3.9 Unsafe situations and/or emergencies are identified and appropriate action is taken in accordance with workplace procedures
- 4 Clear limit of travel**
- 4.1 Network Control Officer is informed when track vehicle/s has arrived and is clear of limit of travel
 - 4.2 Stand alone signalling control equipment is identified and points are operated as required
 - 4.3 Authority to travel is recorded in accordance with organisational procedures

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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIC0084A Access rail track to travel track vehicles under manual block working conditions.

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 TLIC0084 Access rail track to travel track vehicles under manual block working conditions

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:

- communicating effectively with Network Control Officer, individuals and work groups
- explaining appropriate response to unsafe situations and/or emergencies
- following workplace policies, safeworking procedures and protocols
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- identifying unsafe situations and emergencies
- planning travel movements and identifying limits of travel
- travelling track vehicle on track to worksite
- using appropriate personal protective equipment (PPE) that conforms to Rail Infrastructure Manager requirements.

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:

- operational communications protocols and systems
- Rail Infrastructure Manager safeworking system and organisational requirements, rules, policies, workplace procedures and protocols
- Rail Infrastructure Manager policies, procedures and protocols for identified unsafe situations or emergencies relevant to accessing rail track to travel track vehicles under manual block working conditions
- rail terminology as defined by the Rail Infrastructure Manager safeworking system
- recognition of points, signals and location features
- relevant rail danger zones.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

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Assessment must occur in workplace operational situations or, where this is not available, in simulated workplace operational situations that replicate 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 include:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, equipment and PPE currently used in industry
- applicable documentation and terminology as defined by the relevant Rail Infrastructure Manager safeworking system including workplace procedures, regulations, rules and codes of practice.

Links

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