



Australian Government

Department of Education, Employment and Workplace Relations

TLIC3055A Access rail track to travel track vehicle under occupancy authority

Release: 1

TLIC3055A Access rail track to travel track vehicle under occupancy authority

Modification History

Not Applicable

Unit Descriptor

Unit Descriptor

This unit involves the skills and knowledge required to safely access the rail track to travel a track vehicle under occupancy authority on a rail network during track work activities, in accordance with legislative and regulatory requirements. It includes following policies, procedures and protocols of the access provider. Licensing or certification requirements are not applicable to this unit.

Application of the Unit

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Persons achieving competence in this unit will need to fulfil the legislated rail safety requirements including acts and regulations from the applicable state or territory together with any nationally approved compliance codes and/or guidelines.

It involves the application of access provider's policies, procedures and protocols related to applying rail safety requirements to work activities.

Work is performed following established procedures, with accountability and responsibility for self and others in achieving the prescribed outcomes within the limits of responsibility of the worker concerned.

Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Not Applicable

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the required performance needed to demonstrate achievement of the element. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Access rail track	1.1 Permission to occupy rail track is requested from network control officer 1.2 Permission to occupy rail track is documented in accordance with occupancy authority requirements 1.3 Appropriate personal protective equipment (PPE) is worn in accordance with access provider's and organisational requirements 1.4 Limits of travel are determined and limits of protection are agreed with network control officer 1.5 Where applicable, points are manually operated to gain access to the track as authorised by network control officer 1.6 A situational awareness is maintained to identify local conditions and any changed circumstances 1.7 Communication with network control officer is maintained using appropriate communication protocols and systems in accordance with workplace procedures
2 Travel track vehicle on track	2.1 Speed limit is observed for type and classification of track vehicle and type of track 2.2 Speed limit is varied to meet local conditions 2.3 Permission is obtained to pass signals in accordance with the workplace procedures 2.4 Track vehicle is managed so as to be able to stop short of any workers or obstruction on track 2.5 Position of points are identified and, where applicable, operated to establish correct direction as authorised by network control officer 2.6 Signals are identified and obeyed 2.7 Level crossing protection equipment is operated for the safe passage of track vehicle/s in accordance with workplace procedures 2.8 Where fitted, vigilance unit is operated in accordance with workplace procedures 2.9 Unsafe situations and/or emergencies are identified, and appropriate action is taken in accordance with workplace procedures
3 Remove track vehicle from track	3.1 Network control officer is informed when track vehicle is off and clear of track 3.2 Permission to cancel track occupancy is documented as dictated by vehicle operator

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

This describes the essential knowledge and skills and their level required for this unit.

Required knowledge:

- Access provider's and organisational policies, procedures and protocols
- Rail terminology as defined by the applicable access provider
- Access provider's policies, procedures and protocols in the event of identified unsafe situations or emergencies within workplace role
- Operational communication protocols and systems
- Types of track protection
- Recognition of points, signals and location features

Required skills:

- Communicate effectively with individuals and work groups
- Follow workplace policies, procedures and protocols
- Conduct a situational awareness assessment
- Use required personal protective equipment conforming to organisational standards
- Identify unsafe situations and emergencies

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required knowledge and skills, the range statement and the assessment guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

- The evidence required to demonstrate competency in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria of this unit and include demonstration of applying:
 - the underpinning knowledge and skills
 - relevant legislation and workplace procedures
 - other relevant aspects of the range statement
 - the timeframes typically expected for the work function and industrial environment
- Compliance with site safety plans, OH&S regulations and other regulatory requirements
- Assessment must include exercises which demonstrate

EVIDENCE GUIDE

competent performance of the following in a range of situations:

- demonstrating requesting and documenting permission to occupy track
- explaining how to determine limits of travel
- conducting a situational awareness
- demonstrating observing speed limit appropriate for type of vehicle, type of track and local conditions
- explaining and demonstrating passing signals in accordance with workplace procedures
- demonstrating how to identify position of points and their correct operation
- identifying signals
- demonstrating operation of a vigilance unit
- identifying appropriate response to typical unsafe situations and/or emergencies
- demonstrating cancellation of a track occupancy using appropriate procedures and documentation

Context of and specific resources for assessment

- Performance is demonstrated consistently over a period of time and in a suitable range of contexts
- Resources for assessment include:
 - a range of relevant exercises and/or other simulated practical and knowledge assessment, and/or
 - access to an appropriate range of relevant operational situations in the workplace
- In both real and simulated environments, access is required to:
 - relevant and appropriate materials and equipment, and
 - applicable documentation including workplace procedures, regulations, codes of practice and operation manuals

Method of assessment

- Assessment of this unit must be undertaken by a registered training organisation
- Assessment of knowledge must be conducted through appropriate written/oral tests
- Practical assessment must occur:
 - through activities in an appropriately simulated environment, and
 - in an appropriate range of situations in the workplace

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance.

Worksites may include:	• rail corridor • danger zone: • running line • parallel networks (adjacent access providers, shared corridor) • adjacent lines • sidings/yards • platforms/buildings • structures
Terminology will be:	• as defined by the applicable track safeworking system and operating procedures
Work may occur:	• by day or night, under varied weather conditions and situations
Situational awareness will be:	• as defined within the workplace procedures • as defined in the risk assessment for situational awareness including: • view - line of sight • direction of approaching trains • speed of approaching trains • position of safety • changed local conditions
Network control officer may be:	• network controller • train controller • area controller • signaller
Communications may include:	• receive and pass on verbal messages/information • report unsafe situations and respond to emergencies • general safety and emergency messages
Communications equipment and systems may include:	• hand and audible signals • radios • telephones/mobile phones • signage
Safety clothing and equipment	• high visibility clothing

RANGE STATEMENT

may include:

- protective footwear
- hearing protection

Where applicable, worksite

protection equipment may include:

- warning devices, whistles and sirens
- audible track warning devices
- demarcation barriers
- lights and flags
- electronic devices
- signage

Information and documents may include:

- workplace procedures, policies and work instructions
- worksite safety plan
- emergency plan
- pre-work briefing
- worksite protection plan

Types of track protection may include:

- lookout
- track occupancy
- rail traffic control
- planned track possession
- blocking protection

Limits of protection may include

- signals
- signs
- block point

Type of vehicle may include:

- road/rail
- track machines

Type of track may include:

- continuously welded rail
- jointed rail

Varied local conditions may include:

- gradients
- line of sight
- weather
- condition of rail
- multiple rail crews
- multiple vehicles

Adjustments to track occupancy may include:

- extending time
- reducing time
- varying location

Unit Sector(s)

Not Applicable

Competency Field

Competency Field

C - Vehicle Operation