



Australian Government

Department of Education, Employment and Workplace Relations

TLIC2054A Access rail track to run track vehicle within defined worksite

Release: 1

TLIC2054A Access rail track to run track vehicle within defined worksite

Modification History

Not Applicable

Unit Descriptor

Unit Descriptor

This unit involves the skills and knowledge required to safely access the rail track to run a track vehicle within a defined worksite on a rail network during rail 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

Application of the Unit

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 defined worksite	1.1 Authority to enter the defined worksite is confirmed with protection officer 1.2 Appropriate personal protective equipment (PPE) is worn in accordance with access provider's and organisational requirements 1.3 Limits of the defined worksite and type of track protection provided are identified and confirmed 1.4 A situational awareness is maintained to identify local conditions and any changed circumstances 1.5 Communication with protection officer is maintained in accordance with the workplace procedures
2 Run track vehicle within defined worksite	2.1 Permission for all rail movements within the worksite is obtained from the protection officer 2.2 Speed limit is observed for type or classification of track vehicle and type of track 2.3 Speed limit is varied to meet local conditions 2.4 Track vehicle is managed so as to be able to stop short of any workers or obstruction on track 2.5 Unsafe situations and/or emergencies are identified, and appropriate action is taken in accordance with workplace procedures
3 Exit defined worksite	3.1 Protection officer is notified when exiting the defined worksite

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
- Points and signals recognition

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 competent performance of the following in a range of situations:
 - explaining how to safely access defined worksite
 - conducting a situational awareness
 - observing speed limit appropriate for type of vehicle, type of track and local conditions
 - demonstrating passing signals in accordance with workplace procedures
 - explaining appropriate response to identified unsafe situations and/or emergencies

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

EVIDENCE GUIDE

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

EVIDENCE GUIDE

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

Communications may include:

- receive and pass on verbal messages/information
- report unsafe situations and respond to emergencies

RANGE STATEMENT

Communications equipment and systems may include:	• general safety and emergency messages • hand and audible signals
Safety clothing and equipment may include:	• high visibility clothing • 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
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
Defined worksite may be an area protected by:	• track occupancy • controlled rail traffic • planned track possession • blocking protection
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

Unit Sector(s)

Not Applicable

Competency Field

Competency Field C - Vehicle Operation