



Australian Government

Department of Education, Employment and Workplace Relations

TLIL3067A Implement planned track possession protection

Release: 1

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Modification History

Not Applicable

Unit Descriptor

Unit Descriptor

This unit involves the skills and knowledge required to apply planned track possession protection for the infrastructure and work groups on a rail network during rail work activities, in accordance with legislative and regulatory requirements. The possession of the track will involve long-term planning for work activities that will disrupt rail operations. 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 Plan for track possession	1.1 The site protection arrangements plan is developed or sourced and read to determine the planning requirements for track possession for rail work activity 1.2 Access provider is notified of intention to possess and approval is advertised 1.3 The work group supervisor is advised of advertised approval 1.4 Resources are organised to provide adequate protection for the infrastructure and work group during rail work activity
2 Take possession of track	2.1 Permission to possess is requested of network control officer in accordance with the advertised approval 2.2 Resources to provide adequate protection for the infrastructure and work group during work activity are placed in accordance with the advertised approval 2.3 The work group supervisor is advised that possession has been issued 2.4 Track possession is monitored for effectiveness 2.5 Any adjustments to track possession are negotiated with network control officer 2.6 Entry to limits of the advertised possession is prevented
3 Cancel track possession	3.1 Work group supervisor confirms that work activity is completed and track is safe for rail traffic 3.2 Resources used to provide protection are removed in accordance with the advertised approval 3.3 Permission to cancel track possession is requested in accordance with the advertised approval
4 Manage unsafe situations or emergencies	4.1 Unsafe situations and/or emergencies are identified 4.2 Work group is instructed to move to a safe place 4.3 Appropriate action is taken to minimise risk and/or injury in accordance with workplace procedures 4.4 Emergencies and/or incidents are recorded and reported to relevant personnel in accordance with workplace procedures

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

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

REQUIRED KNOWLEDGE AND SKILLS

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
- Site safety plans
- Operational communication protocols and systems
- Types of track protection
- Track possession documentation

Required skills:

- Communicate effectively with individuals and work groups
- Follow workplace policies, procedures and protocols
- Use required personal protective equipment conforming to organisational standards
- Identify unsafe situations and emergencies
- Read site safety plans
- Complete track possession documentation

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

EVIDENCE GUIDE

- Assessment must include exercises which demonstrate competent performance of the following in a range of situations:
 - developing site protection plans
 - carrying out planning required for track possession
 - notifying access provider of intention to possess
 - identifying resources required to provide adequate protection for both the infrastructure and work group
 - requesting permission to possess
 - monitoring track possession effectiveness
 - explaining possible adjustments to track possession and how to negotiate them
 - explaining how to cancel track possessions
- 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

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 also be known as:	• 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 may include:	• high visibility clothing • protective footwear • hearing protection
Where applicable, worksite	• warning devices, whistles and sirens • audible track warning devices

RANGE STATEMENT

- protection equipment may include:
- 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
- Complexity of work activity may involve:
- type of work to be undertaken
 - hand tools to be used
 - track vehicles/track machines
 - machinery
 - multiple work groups
 - rail traffic within or between worksite
- Characteristics of track worksite may include:
- location
 - cuttings and embankments
 - speed and density of adjacent traffic
 - parallel networks (adjacent access providers, shared corridor)
 - electrified network
 - track circuits
 - level and pedestrian crossings
 - limits of worksite
 - visibility
 - the work will affect track under the control of other access providers
 - multiple work activities
- Types of track protection may include:
- lookout
 - track occupancy
 - rail traffic control
 - planned track possession
 - blocking protection
- Site safety plans may include:
- defining the boundaries
 - identifying positions of safety
 - identifying positions for inner/outer handsignaller and lookouts
 - identifying level and pedestrian crossings
 - identifying fixed rail infrastructure including:
 - signals
 - overhead structures

RANGE STATEMENT

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| Track possession documentation may include: | <ul style="list-style-type: none">• bridges/tunnels• turn outs• minimum sighting distances |
| Adjustments to track possession may include: | <ul style="list-style-type: none">• train notice• permits• track warrants• train register book• forms• extending time• reducing time• varying location |

Unit Sector(s)

Not Applicable

Competency Field

Competency Field L - Resource Management