



Australian Government

TLIL3065B Implement a track occupancy authority

Release 1

TLIL3065B Implement a track occupancy authority

Modification History

New release. This unit replaces and is equivalent to TLIL3065A.

Unit Descriptor

This unit involves the skills and knowledge required to apply Track Occupancy Authority (TOA) Protection for infrastructure and/or work groups on a rail network during rail work activities using an electronic or manual documentation system, in accordance with Access Provider, legislative and regulatory requirements.

Licensing or certification requirements are not applicable to this 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.

The unit includes the application of Access Provider 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.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

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

- | | |
|---|---|
| 1 Prepare for track occupancy authority | <ul style="list-style-type: none">1.1 Site safety plan is sourced and read for the terms of the track occupancy authority1.2 Network control officer is notified of intention to use a TOA1.3 Work group supervisor is advised of network control officer's decision |
| 2 Issue a track occupancy authority | <ul style="list-style-type: none">2.1 Permission for a TOA is requested from network control officer2.2 Permission for a TOA is documented in accordance with access provider's and/or organisational requirements2.3 Work group supervisor is advised that occupancy has been issued2.4 Alterations to the TOA are negotiated with network control officer, if applicable2.5 Multiple worksites are protected in accordance with rules and procedures and/or organisational requirements2.6 Work group supervisor is advised that the TOA has been issued |
| 3 Cancel or fulfil the track occupancy authority | <ul style="list-style-type: none">3.1 Communication is maintained with work group supervisor to confirm completion of work activity and track is safe for rail traffic3.2 Network control officer is informed that track occupancy authority has been cancelled or fulfilled3.3 Fulfilment of the TOA is documented in accordance with Access Provider's requirements |
| 4 Manage unsafe situations or emergencies | <ul style="list-style-type: none">4.1 Unsafe situations and/or emergencies are identified4.2 Work group is instructed to move to a safe place4.3 Appropriate action is taken to minimise risk and/or injury in accordance with workplace procedures4.4 Emergencies and/or incidents are recorded and reported to relevant personnel in accordance with workplace procedures |

Required Skills and Knowledge

This section describes the knowledge and skills required for this unit.

Required knowledge:

- Access Provider policies, procedures and protocols in the event of identified unsafe situations or emergencies within workplace role
- Access Provider rules and procedures
- Access Provider rules and procedures for working around electrical infrastructure
- Operational communication protocols and systems
- Rail terminology as defined by the applicable Access Provider
- Worksite protection plan
- Types of track protection

Required skills:

- Communicate effectively with individuals and work groups
- Complete track occupancy authority documentation
- Follow workplace policies, procedures and protocols
- Identify unsafe situations and emergencies
- Use required personal protective equipment conforming to Access Provider requirements

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 required knowledge and skills
 - relevant workplace rules and procedures
- Assessment must include exercises which demonstrate competent performance of the following in a range of situations:
 - notifying network control officer of intention to use a TOA
 - completing permission for TOA in accordance with Access Provider requirements
 - complying with the application requirements for a TOA

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
 - 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 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

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
- 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 may include:
- high visibility clothing
 - protective footwear
 - hearing protection
- Where applicable, worksite protection equipment may include:
- railway track signals
 - demarcation barriers
 - lights ,flags and signs
 - electronic devices
 - blocking facilities
- Information and documents may include:
- workplace rules and procedures
 - worksite safety plan
 - emergency plan
 - pre-work briefing
 - worksite protection plan

Complexity of work activity may include:

- 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/s

Characteristics of worksite may include:

- location
- cuttings and embankments
- speed and density of adjacent traffic
- parallel networks
- 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

Worksite protection plans may include:

- defining the limits of the worksite
- identifying safe places
- identifying level and pedestrian crossings
- identifying fixed rail infrastructure including:
 - signals
 - overhead structures
 - bridges/tunnels
 - turn outs

Track occupancy authority documentation may include:

- electronic or manual types
- standard form
- track occupancy authority unique identifier
- date
- times
- location
- description of work
- limits of authority
- network control officer's details
- protection officer's details

Unit Sector(s)

Not applicable.

Competency Field

L – Resource Management