



Australian Government

TLIL3083 Implement a track work authority and manage rail traffic through worksites

Release: 2

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Modification History

Release 2. This is the second release of this unit of competency in the TLI Transport and Logistics Training Package:

- Minor statement changes in Performance Evidence
- Minor statement changes in Knowledge Evidence
- Minor statement changes in Assessment Conditions.

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Application

This unit describes the skills and knowledge required to implement a track work authority (TWA) and manage rail traffic through worksites in accordance with Rail Infrastructure Manager system of safeworking, rules, procedures and protocols for rail safety.

It includes preparing for a TWA, managing rail traffic, fulfilling a TWA and managing unsafe situations or emergencies.

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 systems of safeworking, rules, procedures and protocols for rail safety but does not include the implementation of worksite protection.

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

Pre-requisite Unit

Not applicable.

Competency Field

L – Resource Management

Unit Sector

Rail sector.

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Prepare for track work authority

- 1.1** Worksite protection plan is sourced and TWA terms are read and clarified, as required
- 1.2** Hazards are identified, risks are assessed and control measures implemented
- 1.3** Network control officer is notified of the intention to use a TWA
- 1.4** Protection officer worksite protection responsibilities are identified from worksite protection plan

2 Issue a track work authority

- 2.1** Permission to issue a TWA is requested from network control officer
- 2.2** Permission to use a TWA is documented in accordance with Rail Infrastructure Manager requirements
- 2.3** Equipment required for TWA protection is identified and checked for functional condition
- 2.4** Protection is placed in accordance with worksite protection plan
- 2.5** Work group supervisor is advised that protection is in place

3 Manage rail traffic

- 3.1** Vigilance is maintained and protection officer is alerted to approaching rail traffic in accordance with workplace rules and procedures
- 3.2** Arrangements are made for equipment to be removed from the danger zone
- 3.3** Work group is instructed to move to a safe place prior to passage of rail traffic
- 3.4** Safety of track for passage of rail traffic is confirmed with work group supervisor
- 3.5** Instructions are issued to rail traffic in accordance with workplace procedures
- 3.6** Worksite protection is implemented prior to work groups entering the track worksite in accordance with workplace rules and procedures

- 3.7 Protection, placement and equipment is continually monitored for effectiveness in accordance with safety assessment
- 4 **Fulfil a track work authority**
 - 4.1 Communication is conducted with work group supervisor to confirm that work activity is complete and track is safe
 - 4.2 Network control officer is advised that the TWA has been fulfilled
 - 4.3 Fulfilment of TWA is documented in accordance with Rail Infrastructure Manager and/or organisational requirements
- 5 **Manage unsafe situations or emergencies**
 - 5.1 Unsafe situations and/or emergencies are identified
 - 5.2 Work group is instructed to move to a safe place
 - 5.3 Appropriate action is taken to minimise risk and/or injury in accordance with workplace procedures
 - 5.4 Emergencies and/or incidents are recorded and reported to relevant personnel in accordance with workplace 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.

Unit Mapping Information

This unit replaces and is equivalent to TLIL3083A Implement a track work authority and manage rail traffic through worksites.

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 TLIL3083 Implement a track work authority and manage rail traffic through worksites

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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:

- allocating attention according to track work authority (TWA) priorities
- applying relevant systems of safeworking and workplace procedures for a TWA
- communicating factual information to create confidence and trust with individuals and work groups
- conducting a pre-start briefing for work group supervisor
- coordinating protection as rail traffic through worksites
- determining and setting out protection
- explaining how to manage unsafe situations and emergencies
- following workplace policies, rules, procedures and protocols
- identifying appropriate resources for worksite protection
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- identifying, responding to and/or reporting unsafe situations and emergencies
- managing rail traffic through worksites
- operating electronic communications equipment to required protocol
- placing worksite protection
- reading and interpreting responsibilities for worksite protection from the worksite safety plan.

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 include knowledge of:

- equipment available for worksite protection
- hand, light and flag signals and signs used by day or night
- operational communication protocols and systems
- positioning requirements for handsignalers
- Rail Infrastructure Manager systems of safeworking, policies, procedures, rules and protocols for identified unsafe situations or emergencies within workplace role
- Rail Infrastructure Manager rules and procedures
- rail terminology as defined by the relevant Rail Infrastructure Manager system
- relevant rail danger zones
- relevant workplace systems of safeworking, rules and procedures
- TWA as defined by the relevant Rail Infrastructure Manager systems of safeworking
- worksite protection plans.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate rail corridor 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 must include access to:

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

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