



**Australian Government**

# **TLIF5021 Apply rail safeworking rules and procedures**

**Release: 1**

# **TLIF5021 Apply rail safeworking rules and procedures**

## **Modification History**

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

## **Application**

This unit involves the skills and knowledge required to apply rail safeworking rules and procedures.

It includes establishing the purpose and function of safeworking systems, implementing the principles of rail safeworking systems and implementing the principles of track protection systems.

This unit covers applying rail safeworking systems, which are integrated systems of operating procedures and engineered systems used in the rail network for safe operation of rail traffic, and protection of people and property. It can be applied to freight, heavy haul or metropolitan and regional passenger rail systems.

In applying this unit, the following rail safety operating principles may be involved:

- ensuring emergencies and incidents are properly managed
- ensuring interfaces between different organisations are properly defined and managed
- identifying and managing risk
- protecting people from injury
- protecting property from damage
- track access
- train separation.

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

## **Pre-requisite Unit**

Not applicable.

## **Competency Field**

F – Safety Management

## **Unit Sector**

Not applicable.

## Elements and Performance Criteria

Elements describe the essential outcomes.

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

### **1 Establish purpose and function of rail safeworking systems**

- 1.1 Relevant information is accessed and analysed
- 1.2 Purpose of rail safeworking rules and procedures are identified and explained
- 1.3 Methods for developing safeworking rules and procedures are identified and outlined
- 1.4 Types of safeworking systems, their functions and where they are used are explained

### **2 Implement principles of rail safeworking systems**

- 2.1 Relevant information is accessed and analysed
- 2.2 Principles behind rail safeworking systems are identified and explained
- 2.3 Main elements of rail safeworking systems are identified and explained
- 2.4 Methods by which operations can continue in degraded situations are identified and outlined
- 2.5 Appropriate procedures are prepared to enable operations to continue in various degraded situations

### **3 Implement principles of track protection systems**

- 3.1 Relevant information is accessed and analysed
- 3.2 Risks involved in working on or beside the track are identified, explained and managed
- 3.3 Purpose of track protection is identified and explained
- 3.4 Different methods of track protection are identified and outlined
- 3.5 Work is planned so that relevant track protection methods can be applied

## 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.

Non-essential conditions can be found in the Companion Volume Implementation Guide.

## Unit Mapping Information

This unit replaces and is equivalent to TLIF5021A Apply rail safeworking rules and procedures.

## 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 TLIF5021 Apply rail safeworking rules and procedures

## Modification History

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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:

- accessing and using rail safety industry standards, rules, codes of practice and operational procedures
- applying relevant safeworking systems and workplace procedures
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- researching and reviewing relevant rail industry and rail safety regulation information.

## 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 and include knowledge of:

- duty holders and their duties under rail safety and work health and safety (WHS)/occupational health and safety (OHS) legislation
- key concepts and definitions relating to rail safeworking
- key principles and practices associated with railway operations
- key regulatory requirements and rail industry standards for rail industry participants
- rail safety management systems (SMSs) and process
- rail safety operating principles
- rail safety regulatory framework
- relevant rail safety, WHS/OHS and environmental legislation related to safeworking and track protection.

## Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include

requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

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Assessment must occur in rail workplace operational situations or, where this is not available, in simulated workplace operational situations that replicate rail 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 include:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry
- applicable documentation including workplace procedures, regulations, rail industry standards, codes of practice and operation manuals.

## Links

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