



Australian Government

TLIL5072 Manage rail yard operations

Release: 1

TLIL5072 Manage rail yard operations

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 manage rail yard operations, in accordance with legislative, regulatory and organisational requirements.

It includes preparing to manage rail yard operations, optimising rail yard operations, managing rail yard resourcing requirements, incorporating rail yard safety requirements into the organisational safety management system (SMS), and implementing rail yard emergency procedures.

This unit can be applied to freight yards, marshalling yards, intermodal terminals, maintenance yards or private sidings.

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

Not applicable.

Elements and Performance Criteria

Elements describe the essential outcomes.

1 Prepare to manage rail yard operations

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

1.1 Purpose of rail yard operations are identified and explained

1.2 Principal factors involved in rail yard operations

are identified and explained

1.3 Hazards are identified, risks are assessed and control measures are implemented

1.4 Methods by which rail yard operations can be measured are identified and implemented

1.5 Rail yard layout, including yard limits and types of operations being carried out are identified and explained

2 Optimise rail yard operations

2.1 Factors that contribute to optimal rail yard operations are identified and explained

2.2 Strategies for ensuring optimal rail yard operations are maintained, are developed and implemented

2.3 Methods by which optimal rail yard operations can be measured are developed and applied

2.4 Factors that could impact on scheduled activities and optimal rail yard operations are outlined

2.5 Relevant communications systems and protocols are identified, explained and implemented

3 Manage rail yard resourcing requirements

3.1 Resources required for planned rail yard operations are identified, explained and obtained

3.2 Personnel required for planned rail yard operations are identified and acquired

3.3 Contractor/external service requirements are identified and monitored in accordance with organisational policies and procedures

3.4 Rail yard maintenance requirements are identified and actioned in accordance with organisational policies and procedures

4 Incorporate rail yard safety requirements into organisational safety management system

4.1 SMS elements that contribute to rail yard operations are identified and explained

4.2 Rail yard safety plans are identified, explained and implemented

4.3 Safety equipment is identified and maintained

- 4.4 Movement of vehicles within rail yard is monitored to ensure compliance with SMS
 - 4.5 Contractor/visitor access protocols are identified, explained and implemented to ensure compliance with SMS
 - 4.6 Security systems and protocols are identified and implemented
- 5 Implement rail yard emergency procedures**
- 5.1 Rail yard emergency equipment requirements are identified
 - 5.2 Rail yard emergency equipment is maintained
 - 5.3 Rail yard emergency response procedures are identified, explained and conveyed to relevant people
 - 5.4 Evacuation drills and debriefings are participated in as required

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 TLIL5072A Manage rail yard operations.

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 TLIL5072 Manage rail yard operations

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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 industry standards
- applying relevant safeworking and workplace procedures
- communicating effectively with others, particularly in relation to interpreting complex information relating to rail yard operations
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- implementing rail yard emergency procedures
- incorporating rail yard safety requirements into the organisational safety management system (SMS)
- managing rail yard resourcing requirements
- optimising rail yard operations
- preparing to manage rail yard operations
- researching information related to the rail industry and rail yard operations
- reviewing regulatory information changes.

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:

- key principles and practices associated with rail yard operations
- key rail industry regulatory requirements and standards
- rail industry terminology, including terminology used in rail industry standards and codes of practice
- rail regulatory framework
- relevant rail yard operation information
- relevant rail safety management system (SMS), work health and safety (WHS)/occupational health and safety (OHS) and environmental legislation related to rail

yard operations

- safety management system
- safeworking systems used within rail yard operations
- types of vehicles within rail yards.

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 yard 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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