



Australian Government

TLIL4083A Assist with train operations

Release 1

TLIL4083A Assist with train operations

Modification History

Release 1. This is the first release of this unit.

Unit Descriptor

This unit involves the skills and knowledge required to assist with train operations as a driver assistant or second-person, in accordance with organisational procedures, and relevant safe working regulations and codes of practice.

Licensing or certification requirements are not applicable to this unit.

Application of the Unit

This unit covers assisting with train preparations and train operation when loading, loading, taking charge of or handing over and/or stabling a train.

Licensing/Regulatory Information

Refer to Unit Descriptor.

Pre-Requisites

Nil

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

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|---|---|
| 1 Assist with preparing for train operation and train handover | <ul style="list-style-type: none">1.1 Documentation/information is obtained and interpreted to confirm consist information and constraints or characteristics of load in accordance with organisational policies and procedures1.2 Visual inspection of equipment is carried out and identified faults or defects are appropriately reported in accordance with manufacturer specifications and organisational policies and procedures1.3 Assistance is provided with pre-operational checking and testing of equipment in accordance with organisational policies and procedures |
| 2 Assist with train operation in transit | <ul style="list-style-type: none">2.1 Motive power unit is monitored in conjunction with driver, in accordance with organisational policies and procedures2.2 Guidance is provided to driver while stopping and starting to ensure safety of personnel and equipment2.3 Train running is monitored and recorded to assist with on-time running in accordance with organisational policies and procedures2.4 Performance of equipment and rolling stock is monitored to identify faults or defects and appropriate action is taken in accordance with organisational policies and procedures2.5 Security of load is monitored and identified abnormalities are dealt with in accordance with organisational policies and procedures2.6 Signals and track/road are monitored and confirmed in accordance with organisational policies and procedures |
| 3 Assist with handing over or stabling train | <ul style="list-style-type: none">3.1 Appropriate assistance is provided when train is stabled in accordance with safe working system requirements, operational instructions and organisational policies and procedures3.2 Safety devices are activated or put in position in accordance with organisational policies and procedures3.3 During handing over or stabling a train, documentation relevant to train and activities undertaken in transit is updated and provided to relief crew or is completed and forwarded to appropriate personnel in accordance with organisational policies and procedures3.4 Relevant housekeeping activities are completed prior to handover/stabling in accordance with organisational policies and procedures |

Required Skills and Knowledge

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

Required knowledge:

- Appropriate motive power unit and rolling stock systems
- Compiling and confirming required documentation
- Emergency procedures
- Problems that can occur when assisting with train operations and action that should be taken
- Procedures for fixed and hand signalling, and communication protocols
- Relevant environmental protection legislation, regulations, codes, policies and procedures
- Relevant legislated rail safety requirements including state and territory acts and regulations, and nationally approved compliance codes and/or guidelines
- Relevant work health and safety (WHS) occupational health and safety (OHS) legislation, regulations, codes, policies and procedures
- Safe working systems and requirements
- Stabling procedures:
 - arranging for refuelling and servicing
 - securing motive power unit
 - securing train

Required skills:

- Communicate effectively with others when assisting with train operations
- Complete documentation related to train operations
- Interpret and follow operational instructions and prioritise work
- Modify activities depending on operational contingencies, risk situations and environments
- Operate and adapt to differences in equipment in accordance with standard operating procedures
- Read and interpret instructions, procedures and information relevant to train operations
- Select and use relevant equipment and materials when assisting in train operations
- Select and use required personal protective equipment conforming to industry and WHS/OHS standards
- Use electronic communications equipment
- Work collaboratively with others when assisting with train operations
- Work systematically with required attention to detail without injury to self or others, or damage to goods or equipment

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:

- required knowledge and skills
- relevant legislation and organisational procedures
- other relevant aspects of the range statement.

Context of and specific resources for assessment

Performance is demonstrated consistently over time and in a suitable range of contexts.

Resources for assessment include access to:

- a range of relevant exercises, case studies and/or other simulated practical and knowledge assessment, and/or
- 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 organisational procedures, regulations, codes of practice and operation manuals.

Method of assessment

As a minimum, assessment of knowledge must be conducted through appropriate written/oral tests.

Practical assessment must occur:

- through activities in an appropriately simulated environment, and/or
- 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.

Documentation/information may include:

- conditions of service, legislation and industrial agreements including workplace agreements and awards
- loading/unloading information
- motive power unit logbook
- maintenance notices and records
- organisational procedures and job specifications
- passenger train timetables
- requests
- shunting requirements
- train consist forms
- train register books
- train running sheets

Visual inspections may include:

- air leakage
- couplings for signs of wear or damage
- flexible connections and fittings for signs of wear or damage
- fuel, oil and water
- motive power unit equipment end of train monitoring device
- rolling stock for defects
- wheels and braking equipment for signs of wear or damage

Pre-operational equipment tests may include:

- air continuity test
- ancillary equipment
- brake testing
- stretch tests

Safety devices may include:

- power, hand brakes and lock-out equipment to prevent motive power unit/train from moving

Organisational procedures may include:

- company procedures
- enterprise procedures
- established procedures
- workplace procedures

Unit Sector(s)

Not applicable.

Competency Field

L – Resource Management