



Australian Government

TLIL3039 Assist with train operations

Release: 1

TLIL3039 Assist with train 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 assist with train operations as a driver assistant or second-person, in accordance with workplace procedures and the requirements of the relevant safeworking system and codes of practice.

It includes assisting with preparations for train operation, assisting with the operation of the train, assisting with loading and unloading operations and handing over or stabling the train in accordance with workplace requirements.

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.

Work is performed in conjunction with a train driver. It involves the application of routine operational principles and procedures when assisting with train operations across a variety of operational workplace contexts within the Australian rail system.

Visual inspections include:

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

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.

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

1 Assist with preparing for train operation

- 1.1 Planning documentation is accessed and interpreted to determine journey purpose, constraints, loading information and characteristics, and is confirmed with driver
- 1.2 Visual inspections of equipment are carried out and identified faults or defects are appropriately reported in accordance with workplace procedures and manufacturer specifications
- 1.3 Hazards are identified, risks are assessed and control measures are implemented
- 1.4 Assistance is provided with pre-operational checking and testing of equipment in accordance with workplace policies and procedures

2 Assist with train operation

- 2.1 Motive power unit is monitored in conjunction with driver, in accordance with workplace procedures
- 2.2 Guidance is provided to driver while stopping and starting to ensure safety of personnel and equipment
- 2.3 Train running schedules are monitored and recorded to assist with on-time running
- 2.4 Performance of equipment and rolling stock is monitored en route to identify faults or defects and appropriate action is taken as required in accordance with workplace procedures
- 2.5 Security of loading and all other aspects of the train are monitored en route and abnormalities are dealt with in accordance with workplace procedures
- 2.6 Signals and track/road are monitored en route in accordance with workplace procedures

3 Stable or handover train

- 3.1 Appropriate assistance is provided when train is stabled in accordance with safeworking system requirements, operational instructions and workplace procedures

- 3.2 Safety devices are activated or put in position in accordance with operational instructions and workplace procedures to ensure the safety of personnel and equipment
- 3.3 Prior to handover, documentation relevant to the train and activities undertaken en route is updated, provided to relief crew and/or forwarded to appropriate personnel in accordance with workplace policies and 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.

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

Unit Mapping Information

This unit replaces and is equivalent to TLIL3039A Assist with train 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 TLIL3039 Assist with train operations

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, performance criteria on at least one occasion and include:

- applying relevant rail safety and workplace procedures
- assisting driver in monitoring train performance and as required, security of load
- assisting in stabling and securing train
- assisting with preparing trains prior to operation
- communicating effectively with others when assisting with train operations
- conducting handover and stabling activities correctly
- documenting train journey and incidents
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- identifying possible faults and defects that could occur and appropriate responses
- implementing contingency plans
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring and anticipating operational hazards and taking appropriate action
- monitoring journey schedule
- monitoring the operation of different train types in normal operation in accordance with workplace procedures
- operating and adapting to differences in equipment in accordance with operating procedures
- reading and interpreting relevant instructions, procedures and information
- reporting and/or rectifying problems, faults or malfunctions, in accordance workplace procedures
- selecting and using relevant equipment and materials when assisting with train operations
- working collaboratively with others when assisting with train operations
- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and include knowledge of:

- applicable state/territory legislated rail safety requirements, codes of practice and/or guidelines
- documentation required during and after train operations
- electronic communications equipment protocols
- emergency procedures
- motive power unit and rolling stock systems
- problems that can occur when assisting with train operations and action that should be taken
- procedures for assisting a driver in monitoring train operations and performance
- procedures for completing required documentation
- procedures for coupling/uncoupling motive power units and rolling stock
- procedures for fixed and hand signalling and voice communication
- procedures for identifying equipment defects and assessing for appropriate action
- relevant rail danger zones
- relevant work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures
- relevant safeworking systems and requirements
- relevant train operations, procedures and operating requirements
- track or road characteristics
- train characteristics.

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 workplace operational situations or, where this is not available, 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 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, codes of practice and operation manuals.

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