



Australian Government

TLIC0073 Conduct tram/light rail track cleaning operations

Release: 1

TLIC0073 Conduct tram/light rail track cleaning 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 conduct tram/light rail track cleaning operations in accordance with rail industry standards, safeworking, regulatory requirements and organisational procedures.

It includes preparing vehicle for operations, operating cleaning vehicle, cleaning rail track and points, disposing of waste and completing all required documentation.

People achieving competence in this unit will need to fulfil the applicable state/territory legislated tram/rail/road safety requirements and to comply with relevant rules, codes of practice and/or guidelines.

Operators must hold a medium-rigid vehicle licence.

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

Pre-requisite Unit

Not applicable.

Competency Field

C – Vehicle Operation

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare for operations

PERFORMANCE CRITERIA

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

1.1 Vehicle logbook is checked in accordance with

organisational requirements

- 1.2 Pre-operational vehicle checks are conducted
- 1.3 Hazards are identified, risks are assessed and control measures are implemented
- 1.4 Identified faults or defects are recorded in accordance with organisational requirements
- 1.5 Worn brushes are replaced

2 Operate cleaning vehicle on track

- 2.1 Vehicle is driven to cleaning location and hazard warning equipment is operated in accordance with organisational policies and procedures
- 2.2 Fleet operations are notified when on site and ready to begin cleaning operations
- 2.3 Vehicle is correctly aligned with track and trolley is lowered in accordance with organisational and/or manufacturer requirements
- 2.4 Brushes are switched on for operation in accordance with organisational requirements
- 2.5 Vehicle is driven along the track and brushes are monitored for effective operation

3 Operate cleaning vehicle to clean points

- 3.1 Correct alignment of points is verified before starting cleaning operations
- 3.2 At least 25 metres of track prior to automatic points are cleaned in accordance with organisational policies and procedures
- 3.3 Visual contact with assistant is maintained at all times when cleaning points
- 3.4 Cleaning vehicle is driven through points and, when points have been changed, reversed back through the points

4 Dispose of waste

- 4.1 Collected waste is recycled or disposed of in accordance with organisational policies and procedures
- 4.2 Waste collection container/s and surrounding area of vehicle are cleaned

5 Complete documentation

- 5.1 Required documentation procedures and processes are confirmed

5.2 Documentation is filled in legibly and proofread

5.3 Documentation is processed in accordance with organisational requirements

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 TLIC0073A Conduct tram/light rail track cleaning 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 TLIC0073 Conduct tram/light rail track cleaning 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 and performance criteria on at least one occasion and include:

- applying relevant road rules, rail safeworking system and workplace procedures
- cleaning straight track and points to required workplace procedures
- communicating effectively with others when cleaning rail and points
- completing pre-work checks in accordance with manufacturers specification and operating procedures
- correcting operation when positioning the cleaning vehicle
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- modifying activities depending on operational contingencies, risk situations and environments
- operating and adapting to differences in equipment in accordance with operating procedures
- reading and interpreting relevant instructions and manuals
- replacing brushes in accordance with workplace procedures
- reporting and/or rectifying identified problems, faults or malfunctions in accordance with workplace procedures
- 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 and performance criteria and include knowledge of:

- documentation and record keeping requirements
- hazards that may exist when cleaning rail and points and ways of controlling the risks involved
- problems that may occur when cleaning rail and points and action that can be taken to report or resolve these problems
- relevant communications systems and procedures
- relevant rail danger zones
- relevant Australian road rules
- relevant safety, work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- workplace procedures for cleaning tram/light rail track and points.

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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Practical assessment must occur in an appropriate range of situations in the tram/light rail workplace.

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, road rules, codes of practice and operation manuals.

Links

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