



Australian Government

TLIC3034 Berth and shut down an electric tram

Release: 2

TLIC3034 Berth and shut down an electric tram

Modification History

Release 2. This is the second release of this unit of competency in the TLI Transport and Logistics Training Package:

- Minor terminology changes in Performance Criteria
- Minor statement changes in Performance Evidence
- Minor statement changes in Knowledge Evidence
- Minor statement changes in Assessment Conditions.

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 berth and shut down an electric tram.

It includes determining a required berthing location; berthing, shutting down and securing a tram; carrying out all required post-operational activities; and completing post-operational paperwork.

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, as well as relevant tramway regulatory requirements.

Work is performed under minimal supervision, generally within a team environment. It involves the application of routine operational principles and procedures when berthing and shutting down an electric tram, as part of workplace activities across a variety of operational contexts.

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

Rail sector.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Determine berthing location

2 Berth and shut down an electric tram

3 Carry out post-operational checks

4 Secure an electric tram

5 Complete post-operational paperwork

PERFORMANCE CRITERIA

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

1.1 Contact is made with tram controller and depot staff, or information is obtained from an information board, to determine planned location for berthing tram

1.2 Directions of tram controller and depot staff are interpreted and followed

2.1 Hazards are identified, risks are assessed and risk control measures implemented

2.2 Electric tram is berthed in accordance with workplace and site requirements

2.3 Shutdown procedures are carried out in accordance with specifications and workplace requirements

3.1 Visual and other checks are made of tram in accordance with workplace procedures

3.2 Identified faults and defects are fixed or reported and recorded in accordance with workplace procedures

3.3 Faulty and defective equipment that presents a safety risk is reported in accordance with workplace procedures and relevant regulations

3.4 Outcomes of post-operational checks are recorded in accordance with workplace procedures

4.1 Brakes are applied in accordance with workplace procedures

4.2 Electric tram is secured in accordance with depot requirements

5.1 Timesheet or other work record is completed

5.2 Roster is checked for future work allocation

5.3 Issues and variations are discussed and resolved with roster clerk

5.4 All required documentation is completed in accordance with workplace procedures

5.5 All equipment is returned and stowed in accordance with workplace requirements

5.6 Electric tram records are completed in accordance with workplace procedures and regulatory 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.

Unit Mapping Information

This unit replaces and is equivalent to TLIC3034A Berth and shut down an electric tram.

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 TLIC3034 Berth and shut down an electric tram

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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:

- adapting to differences in trams and associated equipment and procedures
- communicating effectively and working collaboratively with others
- conducting a visual inspection of an electric tram
- identifying job hazards and taking required actions to minimise, control or eliminate identified hazards
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- reading and interpreting relevant instructions, procedures and information
- recognising problems that may arise and taking appropriate actions
- shutting down an electric tram after service.

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:

- applicable state/territory legislated rail safety requirements, relevant codes of practice and/or guidelines
- electric tram controls, instruments and indicators and their purpose, location and use
- monitoring devices, braking and power equipment, safety systems, ancillary systems and signalling systems
- operating controls to start, accelerate, decelerate and stop an electric tram
- speed and load limit compliance requirements

- state/territory road and traffic authority and tramway operating procedures
- typical defects that can occur on an electric tram and related actions that should be taken
- work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- workplace procedures for:
 - completing relevant documentation when berthing and shutting down an electric tram
 - electric tram braking and safety system procedures
 - emergency response procedures
 - end of journey checks
 - identifying equipment defects and assessing for appropriate actions
 - managing hazardous situations
 - operating and shutting down ancillary systems
 - operating electronic communications equipment
 - operating, berthing and shutting down an electric tram.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate tram 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 must include access to:

- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals.

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