



Australian Government

TLIC3052 Assist with shunting, coupling and uncoupling electric passenger trains

Release: 1

TLIC3052 Assist with shunting, coupling and uncoupling electric passenger trains

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 a train driver to shunt, couple and uncouple an electric passenger train to operational requirements in accordance with safeworking and regulatory requirements, and workplace procedures.

It includes assisting with: planning and preparing for shunting operations, shunting the train, coupling and uncoupling the train, and using a coupling adaptor.

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

Work is performed with minimal supervision, generally within a team environment. It involves the application of routine operational principles and procedures to assist with shunting, coupling and uncoupling electric passenger trains to operational requirements as part of workplace activities across a variety of operational contexts within the Australian rail system.

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

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

1 Assist with preparing for shunting operation

- 1.1 Shunting requirements are confirmed through workplace documents and/or relevant personnel
- 1.2 Local safety requirements are identified and followed in accordance with workplace procedures
- 1.3 Hazards are identified, risks are assessed and risk control measures are implemented
- 1.4 Relevant work health and safety (WHS)/occupational health and safety (OHS) requirements are followed to prevent injury and damage

2 Assist with shunting trains

- 2.1 Points, levers, and/or switches are operated in accordance with workplace requirements as required
- 2.2 Audible signals, hand signals and other line of sight communications are used to assist control of train movements
- 2.3 Hand, light and radio shunting commands used are responded to in accordance with workplace requirements
- 2.4 Pre-movement inspection/tests are carried out prior to moving trains

3 Assist with coupling trains

- 3.1 Type of connections required are identified prior to coupling
- 3.2 Trains to be coupled are positioned in accordance with operating procedures and workplace requirements, to ensure couplers are aligned and in the appropriate position for type of connection required
- 3.3 All safety requirements are met prior to coupling trains
- 3.4 After trains are coupled, post-coupling inspection/tests are carried out in accordance with operating procedures and workplace requirements

4 Assist with uncoupling trains

- 4.1 Train to be uncoupled is identified and checks are made to ensure all safety requirements are met prior to uncoupling
- 4.2 Train is uncoupled in accordance with operating procedures and workplace requirements

- 4.3 Post-uncoupling inspection/tests are carried out in accordance with operating procedures and workplace requirements
- 5 Use coupling adaptor**
- 5.1 Situations requiring the use of a coupling adaptor are identified in accordance with workplace procedures
- 5.2 Coupling adaptor is accessed and transported to required location for use
- 5.3 All safety requirements are met prior to fitting coupling adaptor
- 5.4 Coupling adaptor is attached to one of the trains prior to coupling in accordance with workplace procedures
- 5.5 Trains are coupled in accordance with workplace procedures and coupling adaptor is secured in place
- 5.6 Post-coupling inspection/tests and/or procedures are carried out in accordance with operating procedures and workplace 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 TLIC3052A Assist with shunting, coupling and uncoupling electric passenger trains.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>