



Australian Government

TLIB3027 Set up and shut down on-train remote control system

Release: 2

TLIB3027 Set up and shut down on-train remote control system

Modification History

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

- Minor statement changes in unit Application
- 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 set up and shut down an on-train remote control system in accordance with workplace procedures and the requirements of relevant system of safeworking, regulations and codes of practice.

It includes setting up the remote control system, setting up the lead control system, and shutting down the remote control equipment.

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 without supervision, generally within a team environment. It involves the application of routine operational principles and procedures when setting up and shutting down an on-train remote control system, 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

B – Equipment Checking and Maintenance.

Unit Sector

Rail sector.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

1 Set up remote control system

1.1 Remote control system components are set up in accordance with operational plans and manufacturer instructions

1.2 Remote motive power units are placed in required operating mode

1.3 Communications code is entered, and air and electrical systems are activated

1.4 Brake and traction systems are tested using approved personnel to ensure correct operation

2 Set up lead control system

2.1 Cab console is checked, electrical systems are activated, and system self-test is confirmed

2.2 Communications code is entered and confirmation is obtained that system has entered link mode

2.3 Full control is obtained and brake tests are conducted using lead control equipment to ensure correct braking is operational

2.4 Procedures to establish total control are repeated, as required

2.5 Train is moved using the full range of tests to ensure operational safety and control

3 Shut down remote control equipment

3.1 Shut-down procedures of lead and remote control equipment are followed to ensure train security and system de-activation

3.2 Equipment indicators or functions are operated to ensure shut-down process is correct and complete

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 TLI Transport and Logistics Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIB3027A Set up and shut down on-train remote control system.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>