



Australian Government

TLIC3018 Operate on-train remote control system

Release: 2

TLIC3018 Operate 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 terminology changes to 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 operate an on-train remote control system in accordance with system of safeworking, regulatory requirements and workplace procedures.

It includes positioning equipment and motive power units, operating the system and shutting it down after operation.

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.

On-train remote control equipment is any mechanism and operating system that allows the control of one motive power unit, which is part of a train, from another unit that is part of the same train.

It involves the application of routine operational principles and procedures when operating the 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

C – Vehicle Operation.

Unit Sector

Rail sector.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Position equipment and motive power unit/s

PERFORMANCE CRITERIA

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

- 1.1** Remote control equipment and motive power units are positioned in required locations
- 1.2** Brake test is conducted on each train section with assistance from appropriate personnel
- 1.3** Front and rear train consists are coupled together to form one train in accordance with safe working techniques
- 1.4** Relevant work health and safety (WHS)/occupational health and safety (OHS) requirements are followed to prevent injury and damage
- 1.5** Relevant codes of practice, system of safeworking and work requirements are followed

2 Monitor and operate remote control equipment

- 2.1** Motive power units and control system set-up are checked to ensure safe operational status
- 2.2** Remote control equipment is operated and monitored in accordance with operational requirements during train movements to provide safe train handling and control
- 2.3** Operational difficulties encountered are addressed by re-establishing control of the motive power units with minimum risk to personnel and equipment

3 Shut down remote control equipment

- 3.1** Shutdown procedures of lead and remote control equipment are followed to ensure train security and de-activation of the system
- 3.2** Equipment indicators or functions are operated to ensure shutdown 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.

Unit Mapping Information

This unit replaces and is equivalent to TLIC3018A Operate 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>