



Australian Government

TLIS4007 Decommission mechanical signalling infrastructure and interlocking equipment from service

Release: 1

TLIS4007 Decommission mechanical signalling infrastructure and interlocking equipment from service

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 decommission mechanical signalling infrastructure equipment and interlocking equipment from service in accordance with safeworking and regulatory requirements, and workplace procedures.

It includes disconnecting mechanical/electromechanical equipment and components; modifying, testing and adjusting remaining equipment; and certifying and securing operational mechanical equipment in accordance with workplace requirements.

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 they apply to decommissioning mechanical signalling infrastructure and interlocking equipment from service.

Work is performed under minimal supervision, generally within a team environment.

It involves the application of routine operational principles and procedures when decommissioning mechanical signalling infrastructure equipment and interlocking equipment from service, 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

S – Construction and Installation

Unit Sector

Not applicable.

Elements and Performance Criteria

Elements describe the essential outcomes.

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

1 Disconnect mechanical/interlocking equipment and components

1.1 Required authorisation is confirmed to ensure safe train operations may continue after mechanical/interlocking equipment components are disconnected

1.2 Hazards are identified, risks are assessed and control measures are implemented

1.3 Mechanical/interlocking equipment and components are prepared to enable ready removal

1.4 Mechanical/interlocking equipment components are removed from operational area and area is made safe

2 Modify, test and adjust remaining equipment

2.1 Remaining equipment is modified as necessary to ensure compliance with job specifications

2.2 Correct test equipment and procedures are identified

2.3 Appropriate tests are correctly carried out in conjunction with other personnel to ensure operational compliance

3 Certify and secure operational equipment

3.1 Operational readiness is confirmed and required documentation/certification is correctly completed and processed to allow for commissioning

3.2 Equipment is locked and secured to ensure against unauthorised interference

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 TLIS4007A Decommission mechanical signalling infrastructure and interlocking equipment from service.

Links

Companion Volume implementation guides are found in VETNet -

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