



Australian Government

TLIC4071 Establish and operate train braking system

Release: 2

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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 terminology changes in Performance Evidence
- Minor terminology 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 identify, establish and operate a train braking system after it has been marshalled, and deals with brake system faults and failures.

It includes identifying and operating train braking system, and locating and rectifying or isolating system faults during operation in accordance with workplace procedures.

This unit covers activities carried out in a rail yard or on a main line.

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

- 1 Identify and establish train braking system**
 - 1.1 Brake system and type to be used are identified
 - 1.2 Confirmation is made that motive power unit is appropriate for braking system to be used
 - 1.3 Correct coupling of braking system to motive power unit is established and/or confirmed in accordance with workplace policies and requirements
 - 1.4 Air brake system is charged to required pressures in accordance with manufacturer requirements and tolerances
- 2 Operate and monitor train braking system**
 - 2.1 Relevant brake system tests are conducted in accordance with workplace policies and requirements
 - 2.2 Hazards are identified, risks are assessed and risk control measures implemented
 - 2.3 Train brakes are applied and released under normal operational conditions in accordance with correct train handling and workplace policies and procedures
 - 2.4 Train brake system is monitored in accordance with workplace and/or operational requirements
- 3 Identify and rectify train braking system faults during operation**
 - 3.1 Train braking system faults are identified during operation
 - 3.2 Safe location to bring train to a stand is identified in accordance with train handling and workplace policies and procedures
 - 3.3 Train brake system fault is located and rectified or isolated in accordance with manufacturer and/or workplace procedures
 - 3.4 Relevant brake system tests are conducted in accordance with workplace policies, procedures and requirements
 - 3.5 Train is operated in accordance with workplace procedures

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 TLIC4071A Establish and operate train braking system.

Links

Companion Volume Implementation Guides are found in VETNet -

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