



Australian Government

TLIC3017 Shunt rolling stock

Release: 1

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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 safely shunt rolling stock in accordance with safeworking and regulatory requirements, and workplace procedures.

It includes controlling and directing the physical movement of rolling stock and operating relevant equipment to carry out planned shunting strategy.

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 under some supervision, generally within a team environment.

It involves the application of routine operational principles and procedures when carrying out shunting activities 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

Performance criteria describe the performance needed to demonstrate

outcomes.	achievement of the element.
1 Plan and prepare for shunting operation	<p>1.1 Shunting requirements are interpreted and clarified, and vehicles and equipment are obtained and prepared in accordance with shunting strategy</p> <p>1.2 Rolling stock movements, availability and locations are established to determine appropriate siding and/or track locations for vehicle placement</p> <p>1.3 Relevant work health and safety (WHS)/occupational health and safety (OHS) legislation, codes of practice, organisational policies and procedures, and safeworking systems and requirements related to shunting are identified</p>
2 Carry out shunting control procedures	<p>2.1 Points, levers, switches, signals and line of sight communications are used to assist the control of rolling stock movement</p> <p>2.2 Uniform hand signals, light and radio shunting commands that conform with operational rules and statutory requirements are used</p> <p>2.3 Relevant WHS/OHS requirements are followed to prevent injury and damage</p> <p>2.4 Wagon cards are checked and wagons are obtained and sorted to comply with shunting requirements</p> <p>2.5 Shunting control techniques are applied to prevent damage of rolling stock and loads/contents</p>
3 Shunt rolling stock	<p>3.1 Workplace procedures for shunting are identified and applied</p> <p>3.2 Rolling stock is positioned to meet shunting requirements</p> <p>3.3 Coupling systems are identified and applied to attach and detach rolling stock</p> <p>3.4 Connecting brake hoses, electrical couplings and hand brakes are connected/disconnected and applied/released in accordance with operational and WHS/OHS requirements</p> <p>3.5 Rolling stock is shunted with the minimum of necessary moves within governing safety requirements and limitations</p>
4 Finalise train consist	<p>4.1 Train consists are made up in accordance with operational procedures and timetabling requirements</p> <p>4.2 Irregularities and defects with rolling stock equipment are reported in accordance with operational requirements</p>

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 TLIC3017A Shunt rolling stock.

Links

Companion Volume implementation guides are found in VETNet -

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