



**Australian Government**

# **TLIL4038 Organise marshalling and shunting operations**

**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 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 organise marshalling and shunting operations in accordance with workplace procedures and the requirements of relevant safeworking regulations and codes of practice.

It includes identifying marshalling and shunting requirements, identifying required rolling stock movements, and planning rolling stock movements 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.

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

It involves the application of routine operational principles and procedures when marshalling and shunting operations across a variety of operational workplace 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

L – Resource Management

## 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.

<b>1</b>	<b>Identify marshalling and shunting requirements</b>	<b>1.1</b>	Track and siding requirements are established based on customer needs and safe work practices
		<b>1.2</b>	Dangerous goods or other special transportation requirements are established
		<b>1.3</b>	Destinations, arrival times and departure times are established that are consistent with timetable requirements
		<b>1.4</b>	Relevant safe working systems are identified
		<b>1.5</b>	Hazards are identified, risks are assessed and control measures are implemented
<b>2</b>	<b>Identify required rolling stock movements</b>	<b>2.1</b>	Rolling stock types required are determined from available documentation
		<b>2.2</b>	Rolling stock locations are identified, and track and siding availabilities are established to facilitate the marshalling and shunting operation
		<b>2.3</b>	Rolling stock priorities and sequences are sorted in accordance with workplace procedures
<b>3</b>	<b>Plan rolling stock movements</b>	<b>3.1</b>	Marshalling strategy is identified to achieve safe and efficient loading and unloading
		<b>3.2</b>	Resources required to carry out marshalling strategy are identified
		<b>3.3</b>	Appropriate motive power is determined to enable completion of shunting operations
		<b>3.4</b>	Track and siding access and options for wagon movements are identified from marshalling strategy
		<b>3.5</b>	Contingency strategy is identified or prepared

- 3.6** Shunting and marshalling plan and train consist are documented, filed and distributed in accordance with operational requirements

## 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 TLIL4038A Organise marshalling and shunting operations.

## Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>