

<b>Title</b>	<b>Perform train inspection</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	<p>This unit standard is intended for people whose role is the inspection of trains, and the certification of those trains as complying with the law and the requirements of the Rail Licence.</p> <p>People credited with this unit standard are able to ensure: the integrity of train loads; operation of the air brake system; rail vehicles are in a serviceable condition; the train is segregated; and train inspection documentation is complete; and advise train driver of consist changes.</p>
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<b>Classification</b>	Rail Transport > Rail Operations
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Recommended skills and knowledge for entry:  
Unit 19281, *Perform core stationary shunting duties*.
- 2 Assessment against this unit standard must be carried out within the context of an organisation operating under a current, valid Rail Licence issued in accordance with the provisions of the Railways Act 2005. The organisation's operating rules, codes, and instructions, referred to in this unit standard, are those the organisation has in place to meet the requirements of the Rail Licence.
- 3 Legislation relevant to this unit standard includes the:  
Health and Safety at Work Act 2015.  
Hazardous Substances and New Organisms Act 1996.  
Railways Act 2005 and subsequent amendments.
- 4 Definitions  
*Organisational procedures* refer to documents that include: operating rules, codes, instructions, and practices; equipment operating instructions; documented quality management systems; and health and safety requirements.  
*Rail vehicle* refers to any flanged wheeled vehicle which uses the railway line.  
*Train*, in the context of this unit standard, refers to one or more locomotives or electric multiple units hauling six or more rail service vehicles.
- 5 Assessment information  
All activities and evidence must be in accordance with organisational procedures.

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## Outcomes and performance criteria

### Outcome 1

Ensure the integrity of train loads.

#### Performance criteria

- 1.1 Load dimensions are checked in accordance with load type.  
Range height, width, length.
- 1.2 Load is secured in accordance with load type.  
Range may include but is not limited to – chains, doors, tarpaulins, loose dunnage, twistlocks.
- 1.3 Procedures for dealing with overloaded and out of balance rail wagons are described.

### Outcome 2

Ensure operation of the air brake system.

#### Performance criteria

- 2.1 Air brake system inspection is performed.  
Range terminal, intermediate.
- 2.2 The procedure for locating air brake leakage is performed.
- 2.3 Procedures for reporting faults in the air brake system are described.

### Outcome 3

Ensure rail vehicles are in a serviceable condition.

#### Performance criteria

- 3.1 Rail vehicle serviceability is inspected.  
Range may include but is not limited to – drawgear, air lines, brake blocks, suspension, wheels/tyres, handbrakes, end-of-train signals.
- 3.2 Defective rail vehicles are reported for repair or removed from the train.
- 3.3 Procedures for effecting repairs to removed rail vehicles are described.

**Outcome 4**

Ensure the train is segregated.

**Performance criteria**

4.1 Load is segregated in accordance with load description and legal requirements.

**Outcome 5**

Ensure train inspection documentation is complete and advise train driver of consist changes.

**Performance criteria**

5.1 Train inspection documentation is confirmed as consistent with legal requirements.

5.2 Train driver is advised of any change to the train consist.

<b>Planned review date</b>	31 December 2025
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	21 March 2002	31 December 2022
Review	2	20 November 2009	31 December 2022
Review	3	29 April 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0013
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact Competenz [qualifications@competenz.org.nz](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.