

Title	Demonstrate knowledge of rail network centres used to control the movement of rail vehicles		
Level	2	Credits	3

Purpose	People credited with this unit standard are able to: describe the function and location of rail network train control centres; and describe the roles and authority of train control centre personnel and procedures used.
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Classification	Rail Transport > Rail Operations
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Available grade	Achieved
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Guidance Information

- 1 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.
- 2 Legislation relevant to this unit standard includes:
Health and Safety at Work Act 2015.
Railways Act 2005 and subsequent amendments.
- 3 Definitions
Authority, in the context of this unit standard, includes considerations of rank, decision-making extent, and the ability to delegate.
Incident refers to any occurrence, other than an accident, that is associated with the operation of a rail vehicle, being an occurrence that placed or could have placed a person at significant risk of death or serious injury.
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 network, in the context of this unit standard, refers to the principal rail network within New Zealand.
Rail Operator refers to any holder of a licence granted under section 17 of the Railways Act 2005.
Rail operations centre refers to the place where rail services on a rail network are managed by a rail operator.
Rail vehicle refers to any flanged wheeled vehicle which uses the railway line.
Train Control refers to the place where the movements of all trains in a specified area are brought under the direction of a train controller.

4 Assessment information

All activities and evidence must be in accordance with organisational procedures.

Outcomes and performance criteria

Outcome 1

Describe the function and location of rail network train control centres.

Performance criteria

1.1 The function of rail network train control centres is described in terms of how they coordinate the safe movement of rail vehicles.

Range may include but is not limited to – signal box, centralised traffic control.

1.2 Terms associated with train control centres are described.

Range may include but is not limited to – rail corridor, station limits, signal operator, train controller, network control manager, signalling and interlocking arrangements.

1.3 The relationship between train controller and a centrally controlled rail corridor in the management of safe rail vehicle movements is described.

1.4 The relationship between a train driver, Train Control, and if relevant, a rail operations centre, are described.

1.5 Locations controlled by train controller operator areas are identified.

1.6 Location of the centralised traffic control centres are identified.

Outcome 2

Describe the roles and authority of train control centre personnel and procedures used.

Performance criteria

2.1 The principal tasks of train control centre personnel are described.

Range may include but is not limited to – signal box operator, train controller, network control manager.

2.2 The working relationship between train controllers is described.

Range may include but is not limited to – train scheduling agreements, common activities to ensure smooth train running, information sharing.

2.3 The authority of centre personnel in controlling rail movement within station limits is described.

Range authority may include but is not limited to – signal box operator, train controller, network control manager.

2.4 The authority of centre personnel in controlling rail movement outside of station limits is described.

Range authority may include but is not limited to – signal box operator, train controller, network control manager.

2.5 The procedures for reporting of incidents are described.

Planned review date	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	24 May 2002	31 December 2022
Review	2	20 November 2009	31 December 2022
Review	3	29 April 2021	N/A

Consent and Moderation Requirements (CMR) reference	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 if you wish to suggest changes to the content of this unit standard.