

Title	Demonstrate and apply knowledge of the rail operating environment and safety procedures		
Level	3	Credits	10

Purpose	People credited with this unit standard are able to: demonstrate knowledge of the rail operating environment; demonstrate knowledge of factors that affect personal performance; and demonstrate and apply knowledge of workplace health and safety while operating in the rail environment.
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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
Operator rules and procedures refer to Rail Operating Rules, Procedures & Local Network Instructions; Rail Operating Code, and local bulletins or notices relevant to the task which may include local operating procedures, work site safety plans and standard operating procedures.
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 corridor refers to the railway line and adjacent land and structures.
- 4 Assessment information
 - a The literacy and numeracy requirements of this unit standard require candidates to be able to read and interpret rail operator rules and procedures, communicate with passengers and other crew, interpret and comply with rail signage and warnings.
 - b All activities and evidence must be in accordance with organisational procedures.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the rail operating environment.

Performance criteria

1.1 Staff roles and responsibilities are explained in terms of maintaining the safety of passengers and persons working on or near the train.

Range roles may include but are not limited to – on board supervisor, train manager, train driver, platform supervisor, train controller, crew co-ordinator; service co-ordinator, fleet controller, service performance leader;
evidence is required of a minimum of five roles.

1.2 Terms and abbreviations are described and used in the context of rail industry communications.

Range terms may include but are not limited to – rolling stock, multiple unit, trailer unit/motor unit, double line, setting back, loop; abbreviations may include but are not limited to – PO, TM, LE, TXO, PIDS, station abbreviations;
evidence is required of a minimum of six terms and/or abbreviations.

1.3 Rolling stock is described in terms of its classification and features.

Range evidence is required of a minimum of two types of rolling stock.

1.4 Documentation required to operate under a current Rail Licence is explained.

Outcome 2

Demonstrate knowledge of factors that affect personal performance.

Range factors include but are not limited to – health, nutrition and hydration; sleep; fatigue; shift work; stress; alcohol and drugs; understanding own capabilities and limitations; communication.

Performance criteria

2.1 Factors that affect personal performance are described.

2.2 The effects factors have on personal performance are explained.

Outcome 3

Demonstrate and apply workplace health and safety while operating in the rail environment.

Performance criteria

3.1 Legislation relating to workplace health and safety in the rail environment is identified and its content is outlined.

3.2 Common hazards are identified and managed to maintain the safety of passengers or people working in a rail environment.

Range hazards may include but are not limited to – trip and slip hazards, noise, dust, fumes, platform gap, electricity; evidence is required of a minimum of five common hazards.

3.3 Operator rules and procedures are applied to ensure safety in the rail environment and around the rail corridor.

Range evidence is required of a minimum of three different applications of operating rules and procedures.

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	18 February 2016	31 December 2022
Review	2	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.