Title Demonstrate knowledge of working procedures on a passenger rail vehicle

Level 3

Credits 5

Purpose
This is an entry level unit standard for people who work on passenger rail vehicles.

People credited with this unit standard are able to demonstrate knowledge of: passenger rail vehicles and working procedures on a passenger rail vehicle.

Classification Rail Transport > Rail Operations

Available grade Achieved

Explanatory notes

1 Assessment against this unit standard is to be carried out within an organisation operating under a current Rail Licence issued in accordance with the provisions of the Railways Act 2005 and subsequent amendments. The term ‘operator rules and procedures’ referred to in this unit standard are those that the organisation has in place to meet the requirements of the Rail Licence.

2 Legislation relevant to this unit standard includes the Health and Safety in Employment Act 1992, Railways Act 2005.

3 Definition Passenger rail vehicle – refers principally to diesel multiple units (DMU) and electric multiple units, (EMU), but may also include carriage train combinations that have the features and functionality of a multiple unit.

4 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, and interpret and comply with rail signage and warnings.
Outcomes and evidence requirements

Outcome 1

Demonstrate knowledge of passenger rail vehicles.

Evidence requirements

1.1 Vehicle terminology and abbreviations are used in the context of workplace communications.

1.2 Vehicles are described in terms of their classification and features.

Range features may include but are not limited to – motor unit, trailer unit, combinations, carriage sets, door indicators, electric and pneumatic couplings, PIDS, pantographs, areas designated for cycles, wheel chairs, prams.

1.3 Vehicle equipment is identified and described in terms of its purpose and operation.

Range may include but is not limited to – air conditioning, public address, lighting, doors, emergency equipment, exits.

1.4 The location and operation of equipment controls is described in accordance with the manufacturer’s instructions and operator rules and procedures.

Range operation includes – normal operation, handling of common faults.

1.5 On board signage is described in terms of its purpose, location and content.

Range may include but is not limited to – warning signs, emergency signs, timetable changes, route maps, penalties.

Outcome 2

Demonstrate knowledge of working procedures used on a passenger rail vehicle.

Evidence requirements

2.1 Hierarchy of passenger train management is described in accordance with operator rules and procedures.

Range staff positions and delegated authorities, allocated duties, authority to operate equipment.

2.2 The all clear or right of way signal is described in accordance with operator rules and procedures.

Range how, when, avoiding ambiguity.
2.3 Running of active and inactive coaches is described in accordance with operator rules and procedures.

2.4 Restricted areas and behaviours when vehicle is in transit are described in accordance with operator rules and procedures.

2.5 Boarding and alighting procedures when away from platforms are described in accordance with operator rules and procedures.

2.6 Fitness for duty is described in accordance with operator rules and procedures.

Range fatigue management, on call preparedness, use of – alcohol, illicit drugs, prescription medication.

2.7 Requirement to attend briefings is described in accordance with operator rules and procedures.

2.8 End of journey checks and follow up actions are described in accordance with operator rules and procedures.

Range checks may include but are not limited to – all passengers disembarked, lost property, sleeping passengers, litter, vandalism, suspicious packages, cleanliness; follow-up actions may include but are not limited to – reporting, organising cleaners, managing lost property, managing sleeping passengers, turning off systems, locking up.

<table>
<thead>
<tr>
<th>Replacement information</th>
<th>This unit standard replaced unit standard 19510.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planned review date</td>
<td>31 December 2018</td>
</tr>
</tbody>
</table>

| Status information and last date for assessment for superseded versions |
|---|---|---|---|
| Process | Version | Date | Last Date for Assessment |
| Registration | 1 | 15 August 2013 | N/A |

<table>
<thead>
<tr>
<th>Consent and Moderation Requirements (CMR) reference</th>
<th>0013</th>
</tr>
</thead>
</table>

Please note
Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.
Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

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.