

<b>Title</b>	<b>Load, convey by road transport, and unload dangerous goods</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<p>This unit standard is intended for drivers of road vehicles transporting dangerous goods.</p> <p>People credited with this unit standard are able to: load dangerous goods, convey dangerous goods by road transport, and unload dangerous goods.</p>
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<b>Classification</b>	Commercial Road Transport > Commercial Road Transport Skills
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<b>Available grade</b>	Achieved
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<b>Prerequisites</b>	Drivers must hold a current full driver licence appropriate to the class of vehicle being driven and a current D endorsement.
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## Guidance Information

- 1 Legislation, regulations, references and/or industry standards relevant to this unit standard include but are not limited to the:
  - Hazardous Substances and New Organisms Act 1996;
  - Health and Safety at Work Act 2015;
  - Land Transport Act 1998;
  - Land Transport (Driver Licensing) Rule 1999;
  - Land Transport (Driver Licensing) Amendment Rule 2011;
  - Land Transport Rule: Dangerous Goods 2005;
  - Land Transport (Road User) Rule 2004;
  - New Zealand Standard NZS 5433:2020, *Transport of dangerous goods on land Part 1: Technical Information*.
  - Standards New Zealand. (2022). SNZ HB 5433:2021. *New Zealand Handbook UN dangerous goods list*.
  - Waka Kotahi NZ Transport Agency (NZTA). (current edition). *The Official New Zealand Truck Loading Code – Code of Practice for the Safety of Loads on Heavy Vehicles*. Available from: <https://www.nzta.govt.nz/roadcode/>.

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

## 2 Definitions

The *Code* refers to The Official New Zealand Truck Loading Code – Code of Practice for the Safety of Loads on Heavy Vehicles.

*Industry best practice* refers to an industry accepted method of achieving a high standard of outcome that meets industry needs and represents value for money.

The *Rule* refers to the Land Transport Rule: Dangerous Goods 2005.

*Safely* means without injury to any person or animal, without damage to any property (including vehicle, equipment or load) or the environment, and in compliance with the Health and Safety at Work Act 2015.

*Workplace procedures* refer to organisation policies and procedures that are documented in memo, electronic, or manual format and available in the workplace. They may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, manufacturer's requirements, references, approved codes of practice, housekeeping standards, environmental considerations, on-site briefings, supervisor's instructions, and procedures to comply with legislative and local body requirements relevant to the commercial road transport sector.

## 3 Assessment information

Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, workplace procedures and legislative requirements.

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## Outcomes and performance criteria

### Outcome 1

Load dangerous goods.

#### Performance criteria

- 1.1 Vehicle is loaded safely in accordance with the safety requirements of the Rule.
- 1.2 Where vehicle is being used to transport bulk liquid dangerous goods, vehicle is secured against movement and checked for leaks.
- 1.3 The labelling on packaged dangerous goods is checked to ensure it complies with the Rule.
- 1.4 Packaged dangerous goods containers are checked for damage.
- 1.5 The goods to be loaded are checked to ensure they are in accordance with delivery documentation, Dangerous Goods Declaration, and legal and organisational requirements.
- 1.6 Variations between actual and planned load figures are identified and reported.
- 1.7 Goods are segregated as required by the Rule.

- 1.8 Vehicle is inspected to ensure it complies with the placarding requirements of the Rule.
- 1.9 The weight of the load is distributed evenly across the vehicle, and the load is secured using appropriate equipment in accordance with the Code.
- 1.10 Dangerous Goods Declaration and safety data sheet are confirmed as being complete and are secured in the vehicle in accordance with legal requirements.
- 1.11 Emergency procedure documentation is checked as appropriate for the product being carried and secured in the vehicle in accordance with legal requirements.
- 1.12 Vehicle is inspected to ensure it carries emergency equipment as required by the Rule.

## Outcome 2

Convey dangerous goods by road transport.

### Performance criteria

- 2.1 The vehicle is driven safely in accordance with legal requirements and in a manner that is appropriate for the goods being carried.

## Outcome 3

Unload dangerous goods.

### Performance criteria

- 3.1 Vehicle is unloaded safely in accordance with the safety requirements of the Rule.
- 3.2 Unloading is completed and unloading equipment is secured.
- 3.3 Delivery and load documentation are completed to reflect any changes in the load.

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<b>Planned review date</b>	31 December 2028
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	9 April 1996	31 December 2022
Revision	2	12 May 1999	31 December 2022
Review	3	8 February 2001	31 December 2022
Review	4	22 March 2005	31 December 2022
Review	5	25 May 2007	31 December 2022
Review	6	29 April 2021	31 December 2025
Review	7	29 June 2023	N/A

**Consent and Moderation Requirements (CMR) reference**

0014

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council [qualifications@hangaarorau.nz](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.