

Title	Respond to spillage, leakage, or loss of load when transporting goods by road		
Level	3	Credits	2

Purpose	People credited with this unit standard are able to: explain legal responsibilities of drivers for the security and containment of goods during transportation by road; describe situations when all or part of a load could be spilled, leaked, or lost during transportation by road; and respond to situations when all or part of a load is spilled, leaked, or lost during transportation by road.
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Classification	Commercial Road Transport > Commercial Road Transport Skills
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Available grade	Achieved
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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:
- Health and Safety at Work Act 2015;
 - Land Transport Act 1998;
 - Local Government Act 2002;
 - Resource Management Act 1991;
 - Transit New Zealand Act 1989;
 - Local authority by-laws;
 - [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.](https://www.nzta.govt.nz/roadcode/) 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

Incident plan refers to the emergency response plan for the candidate's own organisation. In the absence of any formal plan, candidates must either provide their own incident plan or comply with organisational requirements.

Loss of load refers to any fall or escape of all or part of the solid load from the vehicle during transportation by road.

Spillage and *leakage* refer to any fall or escape of all or part of a liquid or gaseous load from the vehicle during transportation by road.

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 Range

A minimum of two spillage, leakage, or loss of load situations is required for outcomes 2 and 3.

4 Assessment information

Assessment against outcomes 2 and 3 should be conducted in a simulated situation.

This unit standard does not include driver actions in response to loss of loads of dangerous goods or substances. These skills and knowledge are covered in Unit 16718, *Demonstrate and apply knowledge of law and practice for the transport of Dangerous Goods by road*.

Outcomes and performance criteria

Outcome 1

Explain legal responsibilities of drivers for the security and containment of goods during transportation by road.

Performance criteria

- 1.1 Driver responsibilities for load security are explained in accordance with legal requirements.
- 1.2 Driver responsibilities in the event of spillage, leakage, or loss of load are explained in accordance with legal requirements.
- 1.3 The consequences of spillage, leakage, or loss of load are explained in terms of legal liabilities of driver.

Range consequences may include – physical damage to environment, contamination of waterways, safety of other road users.
- 1.4 Penalties that may be imposed for failure to secure and contain load on vehicle are explained in terms of driver and employer liability.

Outcome 2

Describe situations when all or part of a load could be spilled, leaked, or lost during transportation by road.

Performance criteria

2.1 Causes of spillage, leakage, or loss of load in terms of cause and effect are described.

Range road crash, driver error, equipment failure, gross negligence.

Outcome 3

Respond to situations when all or part of a load is spilled, leaked, or lost during transportation by road.

Performance criteria

3.1 Spillage, leakage, or loss of load is assessed to determine actions required in accordance with legal requirements and incident plan.

3.2 The spillage, leakage, or loss of load is reported in accordance with legal requirements and incident plan.

3.3 Personal protective equipment as required by the product spilled, leaked, or lost is used in accordance with legal requirements and incident plan.

3.4 The spillage, leakage, or loss of load is controlled in accordance with legal requirements and incident plan.

Range requirements may include – stabilisation of vehicle and load, containment, dilution, removal, isolation of the public from the scene, security of load from pillage, personal risk management, export/import consignments not yet cleared by Customs.

Planned review date	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	25 October 2005	31 December 2017
Review	2	16 April 2015	31 December 2022
Review	3	29 April 2021	31 December 2025
Review	4	29 June 2023	N/A

Consent and Moderation Requirements (CMR) reference	0014
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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 Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.