

Title	Transport agrichemical concentrates by road and develop an emergency procedure guide		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to: demonstrate knowledge of the transportation of agrichemical concentrates by road; transport agrichemical concentrates by road; and develop an emergency procedure guide for the transportation of agrichemical concentrates.
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Classification	Rural Contracting > Agrichemical Application
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Available grade	Achieved
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Guidance Information

- 1 Learning and assessment for this unit standard must be in accordance with the following:
 - Health and Safety at Work Act 2015 (HSWA);
 - Health and Safety at Work (Hazardous Substances) Regulations 2017;
 - Health and Safety at Work (General Risk and Workplace Management) Regulations 2016;
 - Agricultural Compounds and Veterinary Medicines Act 1997;
 - Resource Management Act 1991;
 - EPA Notices: Hazardous Substances (Hazardous Property Controls) Notice 2017;
 - Land Transport Act 1998;
 - Hazardous Substances and New Organisms Act 1996 (HSNO);
 - Land Transport Rule: Dangerous Goods 2005;
 - NZS 8409:2004 Management of agrichemicals (NZS 8409);
 - Resource Management Act 1991;
 - and all subsequent amendments and replacements.

- 2 Definitions

Agrichemical refers to any substance, whether inorganic or organic, man-made or naturally occurring, modified or in its original state, that is used in any agriculture, horticulture, or related activity to eradicate, modify, or control flora or fauna.

Company requirements refer to all policies, procedures, and methodologies the candidate's organisation has in place including but not limited to those relating to health, safety, environment, quality, and operations.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the transportation of agrichemical concentrates by road.

Performance criteria

- 1.1 Requirements for the transportation of agrichemical concentrates by road are described in accordance with the Land Transport Act 1998, Traffic Regulations 1976, and HSNO.
- 1.2 General requirements for the transportation of agrichemical concentrates by road are described in terms of NZS 8409.
- 1.3 Specific requirements for the transportation of agrichemical concentrates by road are described in terms of NZS 8409.
- 1.4 Safety and emergency requirements for the transportation of agrichemical concentrates by road are described in terms of NZS 8409.

Outcome 2

Transport agrichemical concentrates by road.

Performance criteria

- 2.1 Agrichemical concentrates are loaded and secured to remain in a fixed position during transportation.
- 2.2 Vehicle is loaded and unloaded with no risk of harm to people, contamination, or damage to equipment or the load.
- 2.3 Vehicle is checked to ensure that emergency and protective equipment is installed in accordance with NZS 8409.
- 2.4 Agrichemical concentrates are segregated in accordance with NZS 8409.
- 2.5 Agrichemical concentrates are carried in accordance with legal and company requirements, with no harm to people, contamination, or damage to the environment, equipment, or facilities.
- 2.6 Documentation for transporting agrichemical concentrates is completed in accordance with NZS 8409.
- 2.7 Vehicle is placarded with the appropriate HAZCHEM signage in accordance with NZS 8409.
- 2.8 Personal protective equipment is selected, used, and appropriate in terms of the type of hazardous substance and in accordance with manufacturer's instructions.

Outcome 3

Develop an emergency procedure guide for the transportation of agricultural concentrates.

Performance criteria

- 3.1 Emergency procedure guide is produced which sets out actions to be taken in the event of injury, spillage, and fire in accordance with NZS 8409 and company requirements.
- 3.2 Emergency procedure guide is displayed and located in accordance with NZS 8409.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	23 July 1996	31 December 2020
Revision	2	5 January 1999	31 December 2020
Revision	3	18 January 2000	31 December 2020
Review	4	31 October 2002	31 December 2020
Review	5	25 June 2007	31 December 2020
Review	6	24 October 2019	N/A

Consent and Moderation Requirements (CMR) reference	0101
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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 Connexis - Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.