

Title	Demonstrate knowledge of emergency response procedures for agrichemicals in storage		
Level	3	Credits	6

Purpose	<p>This unit standard is for people involved with the handling, storage, supply, transfer, and/or manufacture of agrichemicals.</p> <p>People credited with this unit standard are able to describe: the need for plans for accidents or emergencies involving agrichemicals; the requirements of a plan for fire, spill, and medical emergency involving agrichemicals; and the actions to be taken in the event of a fire, spill, or medical emergency involving agrichemicals.</p>
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Classification	Agriculture > Agrichemical Supply
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Available grade	Achieved
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Guidance Information

- 1 Legislation and regulations relevant to this unit standard include but are not limited to:
 - Building Act 2004;
 - Fire Safety and Evacuation of Buildings Regulations 2006;
 - Fire Service Act 1975;
 - Hazardous Substances and New Organisms (HSNO) Act 1996;
 - Health and Safety in Employment Act 1992;
 - Maritime Transport Act 1994;
 - Dangerous Goods Regulations 2008, available from <http://www.iata.org>.
- 2 New Zealand Standards and joint Australian/New Zealand Standards applicable to, and as references for, this unit standard include but are not limited to:
 - NZS 8409:2004 *Management of Agrichemicals*;
 - AS/NZS 3833:2007 *The storage and handling of mixed classes of dangerous goods, in packages and intermediate bulk containers*;
 - AS/NZS 4452:1997 *The storage and handling of toxic substances*;
 - AS/NZS 4681:2000 *The storage and handling of Class 9 (miscellaneous) dangerous goods and articles*;
 - standards are available from <http://www.standards.co.nz>.

- 3 Codes and related documentation applicable to this unit standard include but are not limited to:
- *International Maritime Dangerous Goods Code*, available from <http://www.imo.org>;
 - *Operators' Handbook for the Transport of Dangerous Goods by Road*, available from <http://www.tranzqual.org.nz>;
 - *Responsible Care Management System* – Available from the New Zealand Chemical Industry Council (NZCIC, PO Box 5069, Wellington).
- 4 Definition
- Agrichemical* – 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 and fauna. It includes agricultural compounds, and for the purposes of agrichemical supply, includes fertilisers, vertebrate pest control products, and oral nutrition products.

Outcomes and performance criteria

Outcome 1

Describe the need for plans for accidents or emergencies involving agrichemicals.

Performance criteria

- 1.1 The description of the risks and threats implicit in an accident or incident involving agrichemicals includes the hazards and contamination risks created, and is in accordance with NZS 8409:2004, legislation, and regulations.
- Range hazards relevant to – people, animals, property, the environment.
- 1.2 The description of the need for emergency plans includes the type of plan for the situation, and emergency manifest, and is in accordance with NZS 8409:2004, legislation, and regulations.

Outcome 2

Describe the requirements of a plan for fire, spill, and medical emergency involving agrichemicals.

Performance criteria

- 2.1 The emergency response plan for fire is described in accordance with NZS 8409:2004, HSNO Act 1996, legislation, and regulations.
- Range emergency services, hazardous substance classification, packing groups, UN number, quantities, safety data sheets, site plan, segregation, water supply, fire drills, clean up.
- 2.2 The emergency response plan for a spill is described in accordance with NZS 8409:2004, legislation, and regulations.

Range emergency services, hazardous substance classification, packing groups, safety data sheets, control, isolation, containment, clean up, reporting.

2.3 The emergency response plan for a medical emergency is described in accordance with NZS 8409:2004, legislation, and regulations.

Range first aid, emergency services, hazardous substance classification, packing group.

Outcome 3

Describe the actions to be taken in the event of a fire, spill, and medical emergency involving agrichemicals.

Performance criteria

3.1 Actions to be taken in the event of a fire are described in accordance with the emergency response plan, NZS 8409:2004, legislation, and regulations.

3.2 Actions to be taken in the event of a spill are described in accordance with the emergency response plan, NZS 8409:2004, legislation, and regulations.

Range emergency services, local authorities, control, isolation, containment, clean up, reporting.

3.3 Actions to be taken in the event of a medical emergency are described in accordance with the emergency response plan, and requirements of NZS 8409:2004, HSNO Act 1996, and regulations.

Replacement information	This unit standard replaced unit standard 10899.
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 May 2005	31 December 2022
Rollover and Revision	2	22 August 2008	31 December 2022
Review	3	29 July 2021	31 December 2022

Consent and Moderation Requirements (CMR) reference	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.