

Title	Describe the storage and disposal requirements of agrichemicals for supply		
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 demonstrate knowledge of: the storage requirements of agrichemicals, and the disposal of surplus agrichemicals and empty agrichemical containers.</p>
----------------	--

Classification	Agriculture > Agrichemical Supply
-----------------------	-----------------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

Version 2 of this unit standard was republished in February 2010 following a revision to correct an id number of a unit standard referenced in the replacement information, no other changes were made.

- 1 Legislation and regulations relevant to this unit standard include but are not limited to:
 - Building Act 2004;
 - Fire Service Act 1975;
 - Hazardous Substances and New Organisms (HSNO) Act 1996;
 - Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001;
 - Hazardous Substances (Classes 6, 8, and 9 Controls) Regulations 2001;
 - Hazardous Substances (Disposal) Regulations 2001;
 - Hazardous Substances (Emergency Management) Regulations 2001;
 - Health Act 1956;
 - Health and Safety in Employment Act 1992;
 - Resource Management Act 1991.
- 2 New Zealand and joint Australian/New Zealand Standards applicable to 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*;
 - NZS 4503:1993 *Code of practice for the distribution installation and maintenance of hand operated fire fighting equipment for use in buildings*;
 - AS/NZS 4681:2000 *The storage and handling of Class 9 (miscellaneous) dangerous goods and articles*;

- NZS 5433:1999 *Transport of dangerous goods on land*;
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:
Responsible Care Management System available from the New Zealand Chemical Industry Council (NZCIC, PO Box 5069, Wellington);
The Building Code, available from <https://www.building.govt.nz/building-code-compliance/>.
- 4 Definitions
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;
Person-in-charge – the person responsible for HSNO compliance.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the storage requirements of agrichemicals.

Performance criteria

- 1.1 Storage requirements are described in terms of the hazardous substance manifest, New Zealand and joint Australian/New Zealand standards, legislation, and regulations.
- Range requirements include but are not limited to – segregation, safety, emergency management, documentation, signage.
- 1.2 Storage requirements of specified classes of hazardous substances are identified by interpretation of information sources, and are in accordance with New Zealand and joint Australian/New Zealand standards, legislation, and regulations.
- Range safety data sheets, products labels, product safety cards, emergency response documentation.
- 1.3 The building specifications for storage and handling of agrichemicals are described in accordance with NZS 8409:2004, AS/NZS 3833:2004, AS/NZS 4452:1997, AS/NZS 4681:2000, legislation, and regulations.
- Range building specifications – location, construction, materials, drainage, security, bunding, ventilation, lighting, office, amenities, emergency exits, fire detection, fire fighting, signage.

1.4 The responsibilities of the person-in-charge of the agrichemical storage location are described in accordance with NZS 8409:2004, Local Authority and Regional Authority and requirements, legislation, and regulations.

Range requirements include but are not limited to – location, segregation, safety and emergency response, documentation, maintenance, fire extinguishers.

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

Range segregation, fire-fighting equipment, emergency exits, bunding, signage, hazardous substance classification, drainage, assembly areas, Fire Service access, site plans, hazardous substance manifests.

Outcome 2

Demonstrate knowledge of the disposal of surplus agrichemicals and empty agrichemical containers.

Performance criteria

2.1 The disposal of surplus mix, unmixed, and time expired agrichemicals is described in accordance with NZS 8409:2004, legislation, and regulations.

2.2 The disposal, recycling, and reuse of containers is described in accordance with NZS 8409:2004, legislation, and regulations.

Range requirements include but are not limited to – consideration of recycling, health and safety, environmental safety and contamination, documentation, disposal facilities.

Replacement information	This unit standard and unit standard 21546 replaced unit standard 10895, unit standard 10896, and unit standard 14376.
--------------------------------	--

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
Rollover and Revision	2	12 February 2010	31 December 2022
Rollover and Revision	2	12 February 2010	31 December 2022
Rollover and Revision	2	12 February 2010	31 December 2022
Rollover and Revision	2	12 February 2010	31 December 2022
Review	3	29 July 2021	31 December 2022

Consent and Moderation Requirements (CMR) reference	0052
--	------

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