

Title	Handle chemicals safely in food or related product production environments		
Level	2	Credits	2

Purpose	People credited with this unit standard are able to prepare to handle chemicals safely; and handle chemicals safely in food or related product production environments.
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Classification	Food and Related Products Processing > Food and Related Product Processing - Safety and Health
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard may include but is not limited to the:
Health and Safety at Work Act 2015.
Food Act 2014.
Food Regulations 2015.
Resource Management Act 1991.
- 2 Definitions
Chemicals refer to chlorine-based, caustics, sanitisers, detergents and/or flammable and/or gas and/or solvents.
Organisational procedures refer to documents that include: worksite rules, codes, and practices; equipment operating instructions; manufacturer's specifications; production specifications; documented quality management systems; and health and safety requirements, including the use of PPE.
PPE refers to personal protective equipment such as protective clothing, gloves, safety glasses, headwear, footwear, hearing protection, safety devices.
Related products refer to beverages, household products, or personal care products.
- 3 Assessment information
All activities and evidence must be in accordance with organisational procedures.

Outcomes and performance criteria

Outcome 1

Prepare to handle chemicals safely in food or related product production environments.

Performance criteria

- 1.1 Location of chemical handling procedures is identified and stipulated first aid and safety procedures are described.
- Range may include but is not limited to – standard operating procedures, safety data sheets.
- 1.2 Correct PPE is worn in a manner that protects personnel and product.
- 1.3 Labels are read and interpreted to ensure correct authorised chemicals are available in correct concentration.
- 1.4 Equipment for use in handling chemicals is confirmed as operational and fit for purpose.
- 1.5 Work environment is made clean, and hazards are minimised.
- Range includes but is not limited to – chemical preparation area, area where chemicals are to be used.

Outcome 2

Handle chemicals safely in food or related product production environments.

Performance criteria

- 2.1 Chemicals are handled in a manner that maximises operator, personnel, and product safety.
- 2.2 Correct chemicals at correct quantity are used, and wastage is minimised.
- 2.3 Work environment is kept clean, and hazards are minimised during chemical use.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 August 1996	31 December 2022
Revision	2	15 May 1998	31 December 2022
Revision	3	16 June 2005	31 December 2022
Review	4	21 September 2007	31 December 2022
Review	5	25 February 2021	N/A

Consent and Moderation Requirements (CMR) reference	0013
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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 Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.