

Title	Demonstrate knowledge of packaging for food or related products		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to demonstrate knowledge of: food or related products packaging requirements; primary packaging operations; secondary packaging operations; and the requirements for storing packaging materials and finished goods.
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Classification	Food and Related Products Processing > Food and Related Product Packaging
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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.
Weights and Measures Act 1987.
Customs and Excise Act 2018.
- 2 Definitions
Finished product refers to a product that has both primary and secondary packaging.
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.
Primary packaging refers to returnable or non-returnable glass bottles, jars, cans, tins, drums, kegs, casks, tubes, plastic bottles, plastic barrels, plastic pouches.
Related products refer to beverages, and household or personal care products.
Secondary packaging refers to labels, film, board wraps, trays, cartons, crates.
- 3 Assessment information
All activities and evidence must be in accordance with organisational procedures.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of food or related products packaging requirements.

Performance criteria

- 1.1 Packaging is described in terms of the requirements of producing companies.
- Range product integrity, marketing, legislative requirements, quality assurance, customer requirements.
- 1.2 Packaged product labelling is described in terms of legislative requirements.
- 1.3 Types of primary packaging are identified and described in terms of materials, shape and suitability for food or related products.
- Range primary packaging may include but is not limited to – returnable glass bottles, non-returnable glass bottles, jars, cans, tins, drums, kegs, casks, tubes, plastic bottles, plastic barrels, plastic pouches; evidence of four types of primary packaging is required.
- 1.4 Types of secondary packaging are identified and described in terms of materials and purpose.
- Range secondary packaging may include but is not limited to – labels, film, board wraps, trays, cartons, crates; evidence of four types of secondary packaging is required.
- 1.5 Packaging requirements of food or related products are described in terms of factors that influence the design of packaging process operations.
- Range factors – production planning, product transfer, product safety and stability, cleaning practices, quality management systems.
- 1.6 Packaging lines are described in terms of factors that influence the efficiency of packaging.
- Range staffing, materials, production management, environment.

Outcome 2

Demonstrate knowledge of primary packaging operations.

Performance criteria

- 2.1 The principal features and specifications of a primary packaging type are described and related to the packaging requirements of a product it is used.
- 2.2 The general layout of a primary packaging line is described and the specific layout requirements for a primary packaging type are explained.
- 2.3 Primary packaging operations are described in terms of equipment used.
- Range type, method of operation, cleaning, hygiene, safety features.

- 2.4 Process checks and quality control for primary packaging are described as they relate to a specified organisation's quality control system.

Outcome 3

Demonstrate knowledge of secondary packaging operations.

Performance criteria

- 3.1 The principal features and specifications of a secondary packaging type are described and related to the packaging requirements of a product it is used.
- 3.2 The general layout of a secondary packaging line is described and the specific layout requirements for a secondary packaging type are explained.
- 3.3 Secondary packaging operations are described in terms of equipment used.
Range type, method of operation, cleaning, hygiene, safety features.
- 3.4 Process checks and quality control for secondary packaging are described as they relate to a specified company's quality control system.

Outcome 4

Demonstrate knowledge of the requirements for storing packaging materials and finished goods.

Performance criteria

- 4.1 Storage, temperature and humidity conditions are described for a specified product and its packaging materials.
- 4.2 Safety and hygiene requirements are described for the warehousing of a specified finished product.
- 4.3 Potential sources of external package damage are described in terms of the warehousing system for a specified finished product.
- 4.4 Stock rotation requirements are described for a specified finished product.
- 4.5 Checks to ensure the suitability of storage in a shipping container are described for a specified finished product.
- 4.6 Company and legal requirements of finished goods stores are described.

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	6 May 1999	31 December 2022
Review	2	27 July 2004	31 December 2022
Review	3	19 March 2010	31 December 2022
Review	4	25 February 2021	N/A

Consent and Moderation Requirements (CMR) reference

0013

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.