

<b>Title</b>	<b>Demonstrate knowledge of working in a food and related products freezer environment</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to: describe personal safety requirements when working in a food and related products freezer; describe the effects of temperature on equipment; describe the effects of freezing on packaged products, and the way being frozen alters the handling requirement of packaged products.
----------------	---

<b>Classification</b>	Food and Related Products Processing > Food and Related Product Storage and Distribution
-----------------------	--

<b>Available grade</b>	Achieved
------------------------	----------

---

### Guidance Information

- 1 Legislation and guidelines 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.
  - Working safely in extreme temperatures*, 2019, WorkSafe available from [www.worksafe.govt.nz/](http://www.worksafe.govt.nz/),
  - AS/NZS 2865: 2001 *Safe working in a confined space*, available from [www.standards.co.nz](http://www.standards.co.nz).
- 2 Definitions
  - 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

Describe personal safety requirements when working in a food and related products freezer.

Range PPE, work practices, communications.

### Performance criteria

- 1.1 Personal safety requirements are described.
- 1.2 The potential consequences of failure to follow organisational procedures for safety are described.

### Outcome 2

Describe the effects of temperature on equipment.

Range forklifts, pallet jacks, scanners, two-way radios.

### Performance criteria

- 2.1 The effects of freezer temperatures and frozen condensation on equipment designed for room temperature operation are described.  
  
Range batteries, buttons, hydraulic oils, equipment surfaces.
- 2.2 The effects of room temperatures on equipment fitted with hydraulic oils designed for freezer temperatures are described.

### Outcome 3

Describe the effects of freezing on packaged products, and the way being frozen alters the handling requirement of packaged products.

### Performance criteria

- 3.1 The difference between pallets of already frozen products and freezing a pallet of fresh product in terms of the rate of freezing and the product storage life is described.
- 3.2 The behaviour of pallets of frozen product compared with pallets of fresh product in terms of their stability, and the resulting wrapping requirements are described.
- 3.3 The effect of freezing on product packaging is described, in terms of the differences in handling requirements for frozen product compared with fresh product.

<b>Planned review date</b>	31 December 2025
----------------------------	------------------

#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 December 2001	31 December 2022
Rollover and Revision	2	24 August 2006	31 December 2022
Review	3	25 February 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.