

Field Manufacturing

Review of *Food and Related Products Processing* unit standards

Subfield	Domain	ID
Food and Related Products Processing	Food and Related Product Laboratory Practice	1999
	Food and Related Product Packaging	7653, 7666, 7679, 7680, 7682, 7757, 7788, 7837, 16642
	Food and Related Product Processing - Cleaning	7644, 7681, 7718
	Food and Related Product Processing - Safety and Health	7755, 7756
	Food and Related Product Production	7652, 7668, 7783, 24527, 24528, 24650
	Food and Related Product Production Equipment	7625, 7754, 29534
	Food and Related Product Production Line Operation	7716, 7747, 7758, 7759
	Food and Related Product Quality	7620, 7628, 24529
	Food and Related Product Storage and Distribution	7655, 7722, 18856-18861
	Food Production - Milling	26235

Competenz has completed the review of the unit standards listed above.

Date new versions published

February 2021

Planned review date

December 2025

Summary

The review was conducted in conjunction with the review of the qualifications for this sector, and the development of programmes leading to the:

- New Zealand Certificate in Food or Beverage Processing (Level 2) [Ref: 2735]
- New Zealand Certificate in Food or Beverage Processing (Level 3) [Ref: 2736].

A Technical Advisory Group, made up of key industry stakeholder representatives, was convened. This group met to consider, in consultation with the industry networks of members, the unit standard content and to ensure it is current and fit-for-purpose for industry.

All feedback received prior to and during the review process was incorporated and endorsed for registration by the Technical Advisory Group in November 2020.

Main changes

- Guidance information, purpose statements, ranges, outcomes, and performance criteria were updated to reflect current industry practices in the food and related products processing industry sector.
- Credits for unit standards 7755, 7758, 24527, 24528 and 24529 were increased to better reflect the time required for learning and assessment.
- Some titles were amended to better reflect outcomes.

The last date for assessment of superseded versions of Category B unit standards is December 2022

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

Manufacturing > Food and Related Products Processing > Food and Related Product Laboratory Practice

ID	Title	Level	Credit	Review Category
1999	Conduct basic laboratory tests on food products	2	2	B

Manufacturing > Food and Related Products Processing > Food and Related Product Packaging

ID	Title	Level	Credit	Review Category
7653	Label food and/or related product containers using automated labelling equipment	2	6	B
7666	Label food and/or related product containers manually	2	2	B
7679	Wrap individual food and/or related products manually	2	1	B
7680	Wrap food or related products using automated equipment	2	2	B
7682	Pack food and/or related products manually	2	2	B
7757	Set up and operate food and/or related product identification equipment	2	2	B
7788	Outer pack and palletise food and/or related products manually	2	2	B
7837	Form packaging for food and related products using automated equipment	2	2	B
16642	Demonstrate knowledge of packaging for food or related products	3	5	B

Manufacturing > Food and Related Products Processing > Food and Related Product Processing - Cleaning

ID	Title	Level	Credit	Review Category
7644	Clean and sanitise food or related product production equipment manually	2	2	B
7681	Clean food or related product production equipment using automated clean-in-place systems Operate automated clean-in-place systems to clean food or related product production equipment	3	2	B
7718	Clean and sterilise food or beverage containers using automated washing equipment Clean and sterilise food or beverage containers using a washing system	2	2	B

Manufacturing > Food and Related Products Processing > Food and Related Product Processing - Safety and Health

ID	Title	Level	Credit	Review Category
7755	Apply safe working practices in the food or related product processing workplace Demonstrate and apply knowledge of safe working practices in the food or related product processing workplace	2	2 5	B
7756	Handle chemicals safely in food or related product production environments	2	2	B

Manufacturing > Food and Related Products Processing > Food and Related Product Production

ID	Title	Level	Credit	Review Category
7652	Prepare and batch cook food products to pre-determined recipes Prepare and cook food products to pre-determined recipes in a food or related products production environment	3	6	B
7668	Prepare meat for processing in food production	2	2	B
7783	Prebatch ingredients for food or related product production	2	2	B
24527	Communicate in the food and related product processing industry Demonstrate and apply knowledge of the work environment in the food and related product processing industry	2	3 5	B
24528	Demonstrate knowledge of food processing industry workplace hygiene and food safety requirements	2	3 5	B
24650	Demonstrate knowledge of brix measurement and sample collecting Demonstrate knowledge of brix measurement procedures and take brix samples	2	2	B

Manufacturing > Food and Related Products Processing > Food and Related Product Production Equipment

ID	Title	Level	Credit	Review Category
7625	Set up, maintain and repair food or related products production line equipment	4	16	B
7754	Operate automated process control equipment in the food or related products processing industry	3	3	B
29534	Operate metal detection equipment in a food processing operation	3	3	B

Manufacturing > Food and Related Products Processing > Food and Related Product Production Line Operation

ID	Title	Level	Credit	Review Category
7716	Depalletise goods using automated depalletising equipment	2	2	B
7747	Manually transfer food or related products from automated production lines to temporary storage	2	2	B

ID	Title	Level	Credit	Review Category
7758	Identify product and/or packaging faults on food or related products production lines Identify product and packaging faults on food or related products production lines	2	3 5	B
7759	Apply quality control practices to food or related products production line operations Demonstrate and apply knowledge of quality control practices to food or related products production line operations	3	6	B

Manufacturing > Food and Related Products Processing > Food and Related Product Quality

ID	Title	Level	Credit	Review Category
7620	Resolve quality non-conformance in food or related products	5	10	B
7628	Assess food or related product quality using sensory evaluation Assess food or related product quality using sensory evaluation, and communicate results	3	5	B
24529	Demonstrate knowledge of the basic food and/or related products processing quality requirements	2	3 5	B

Manufacturing > Food and Related Products Processing > Food and Related Product Storage and Distribution

ID	Title	Level	Credit	Review Category
7655	Palletise packaged food or related products using automated equipment	2	2	B
7722	Receive, store, and issue materials for food or related products production	3	3	B
18856	Palletise packaged food and related products manually to fulfil mixed orders Palletise packaged food or related products manually to fulfil mixed orders	2	4	B
18857	Produce column and lock stacked pallets of packaged food and related products manually Build column and lock stacked pallets of packaged food or related products manually	2	2	B
18858	Operate a strapping machine in food and related product packaging	2	2	B
18859	Demonstrate knowledge of working in a food and related products freezer environment	2	4	B
18860	Pick and assemble goods in a food and related products warehouse for dispatch to customers	2	10	B
18861	Scan barcode labels in a food and related products warehouse Demonstrate and apply knowledge of a scanning system and stock transfer in a food and related products warehouse	2	8	B

Manufacturing > Food and Related Products Processing > Food Production - Milling

ID	Title	Level	Credit	Review Category
26235	Specify, operate and maintain performance of automated grain mills and milling equipment for feed milling	4	30	B