

Field Manufacturing**Review of *Food and Related Products Processing* unit standards**

Subfield	Domain	ID
Food and Related Products Processing	Food and Related Product Container Filling	7651, 7700, 7736, 16812, 20697
	Food and Related Product Packaging	7767, 20943
	Food and Related Product Processing - Cleaning	18941
	Food and Related Product Processing - Safety and Health	1092
	Food and Related Product Production	7696, 7752, 7809, 7835, 7836
	Food and Related Product Production Line Operation	1997
	Food and Related Product Production Planning	7659
	Food and Related Product Quality	1088
	Food and Related Product Storage and Distribution	7656
	Food Production - Beverages	7693, 7695, 7697, 7701, 7717, 7737, 7766, 7776, 7777, 7820, 7821, 7827, 7857, 7861, 9956-9958, 16635-16641, 16643, 16644, 16813-16815, 18944-18946

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

Date new versions published**January 2021****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].

All feedback received prior to and during the review process was incorporated and endorsed by the Technical Advisory Group in November 2020. Feedback indicated that these unit standards are no longer required by industry.

Main changes

- All unit standards were set to expire without replacement as they are no longer required.

These Category D unit standards will expire at the end of December 2022

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

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 Container Filling

ID	Title	Level	Credit	Review Category
7651	Fill containers with liquid food and/or related products using multi-head automated filling equipment	3	6	D
7700	Fill containers with dry food or dry related products using automated equipment	2	1	D
7736	Clean and fill pressurised kegs with beverages using automated equipment	3	4	D
16812	Use automated closing equipment to close containers filled with liquid food and/or related products	3	2	D
20697	Set up and operate pumps in a food or beverage products processing environment	2	4	D

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

ID	Title	Level	Credit	Review Category
7767	Package food products using automated electronic weigh head systems	2	6	D
20943	Pack filled liquid food or related product containers using automated packaging equipment	2	2	D

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

ID	Title	Level	Credit	Review Category
18941	Clean food containers using a food container washing system	2	3	D

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

ID	Title	Level	Credit	Review Category
1092	Implement a food or related product processing workplace safety programme	4	5	D

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

ID	Title	Level	Credit	Review Category
7696	Prepare and mix syrups for food or related product production	3	6	D
7752	Produce blended dry food or related products using automated blending equipment	2	2	D
7809	Prepare and mix discrete ingredients for food or related product production	2	2	D

ID	Title	Level	Credit	Review Category
7835	Blend liquid food products using automated blending equipment	2	2	D
7836	Blend finished food products manually	2	2	D

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

ID	Title	Level	Credit	Review Category
1997	Oversee operations on food and/or related product production line	4	7	D

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

ID	Title	Level	Credit	Review Category
7659	Implement and maintain food or related product production schedules	5	12	D

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

ID	Title	Level	Credit	Review Category
1088	Monitor the implementation of a food and/or related product processing production line quality system	4	7	D

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

ID	Title	Level	Credit	Review Category
7656	Monitor and maintain food or related products stock levels	3	3	D

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

ID	Title	Level	Credit	Review Category
7693	Batch ferment liquid food products using automated production equipment	4	5	D
7695	Filter beverage or related products using automated equipment	3	12	D
7697	Prepare and produce wort for beer fermentation	3	8	D
7701	Produce blended bulk wines	2	3	D
7717	Propagate seed cultures using electronically controlled fermentation	3	4	D
7737	Recondition bulk beer kegs	4	3	D
7766	Prepare and monitor fermented beverage production using computer controlled equipment	4	12	D
7776	Blend alcohol-based liquids using automated equipment	4	2	D
7777	Clarify and stabilise beverages	3	3	D
7820	Batch mix bulk simple syrups using automated batching equipment	2	2	D
7821	Carbonate beverages using automated equipment	3	3	D
7827	Extract juice from grapes using automated production equipment	2	6	D
7857	Clean bulk wine tanks using automated equipment	2	4	D

ID	Title	Level	Credit	Review Category
7861	Transfer bottle-fermented sparkling wines using automated equipment	3	5	D
9956	Prepare and steep grain for malt production	3	10	D
9957	Germinate grain for malt production using salad in box equipment	3	10	D
9958	Kiln grain for malt production	3	8	D
16635	Demonstrate knowledge of the raw materials used to produce beer	3	3	D
16636	Demonstrate knowledge of brewhouse operations and wort production	3	6	D
16637	Demonstrate knowledge of yeast and fermentation	3	4	D
16638	Demonstrate knowledge of microbiological control	3	3	D
16639	Demonstrate knowledge of the maturation and storage of fermented beverages	3	5	D
16640	Demonstrate knowledge of beverage filtration in a commercial beverage plant	3	4	D
16641	Demonstrate knowledge of blending beverages	3	2	D
16643	Demonstrate knowledge of beer and beer dispensing systems	3	3	D
16644	Demonstrate knowledge of engineering support services for beverage manufacturing plants	3	6	D
16813	Manually pump and/or rack beverage product	2	6	D
16814	Move yeast lees from bottle-fermented sparkling wines by riddling manually	2	4	D
16815	Remove yeast lees from bottle-fermented sparkling wines by disgorging	2	5	D
18944	Extract juice from fruit using automated production equipment	2	6	D
18945	Drain juice from fruit using automated production equipment	2	3	D
18946	Press grapes using automated production equipment	2	8	D