#### Field Manufacturing

Review of Baking Yeasts Manufacturing and Dairy Manufacturing unit standards			
Subfield	Domain	ID	

Subfield	Domain	ID
Baking Yeasts	Baking Yeasts	25907, 25908, 25909, 25911,
Manufacturing	Manufacturing Operations	25913, 25914, 25915
	Baking Yeasts Production	25901, 25902
	Quality Assurance and	
	Safety Skills	
Subfield	Domain	ID
Dairy Manufacturing	Cheese Making	770, 4306, 4833, 8960, 17617,
		19997,19998, 23834
	Dairy Environmental	4302-4303, 19327-19328,
	Management	19973, 19987, 20012, 25674-
		25675
	Dairy - Generic	19971, 20015, 20174
	Dairy Laboratory	4826, 19977, 19984, 22005,
	Methodology	22006, 22007, 22045
	Dairy People Skills	19965, 20170, 20171
	Dairy Processing	19974, 19995, 20000, 20002,
		20007, 20009, 21118, 21121,
		21123, 21124, 21136
	Dairy Product Safety and	4817, 4820, 4827, 4836, 16302,
	Risk Management	17613, 18406, 19335, 19523,
		19966,19979, 19988
	Dairy Quality and Process	4819
	Improvement	
	Dairy Supply Chain	20017
	Dairy Technology	764-766, 768, 769, 4304, 4305,
		4307, 4829-4832, 4833, 4834,
		4835, 8959, 16304, 17622,
		19329, 19330, 19334, 19528,
		19739, 19996, 20003, 20004,
		20005, 20368, 21801-21802,
	Dairy Workplace Health	4818, 16311, 19976, 19989,
	and Safety	22041

The Primary Industry Training Organisation has completed the review of the unit standards listed above.

# Date new versions published

### June 2015

# **Planned review date**

# December 2020

# Summary

The dairy processing sector reviewed the unit standards listed above as part of their Targeted Review of Qualifications (TROQ) process. The TROQ process resulted in most of the current domains being revisited and amended to reflect the clusters of work identified during the TROQ analysis. The unit standards were also analysed to determine whether they were at the correct level, whether their credit totals were correct and whether H:\June 2015\documents converted\revsumjun15-16.doc

they overlapped with other unit standards recognising similar skill sets.

This process resulted in unit standards being replaced by new unit standards, and new unit standards being developed to fill identified gaps.

All the reviewed dairy and baking yeasts manufacturing unit standards were reassigned into four new domains of Milk Processing, Milk Products, Bakers Yeast Manufacture and Dairy Processing – Core Skills.

The analysis process identified unit standards that were common to more than one industry of the primary food processing sector. This has resulted in a new subfield of Primary Products Food Processing being registered with two new domains of Primary Products Food Processing – Core Skills and Primary Products Food Processing – Operational Skills.

The changes to the unit standards were discussed and analysed at meetings in September 2012, October 2012 and April 2013 and May 2013 and endorsed in June 2014.

# Main changes

- Fourty-five unit standards have had their explanatory notes, outcomes, evidence requirements and ranges amended as required.
- Sixty unit standards have been replaced by thirty-five new unit standards.
- Seventeen new unit standards have been developed.
- Thirteen of the current domains have been replaced by eight new domains.
- Two subfields have been replaced by two new subfields.

# Category C and D unit standards will expire at the end of December 2017

#### Impact on existing organisations with consent to assess

<b>Current Accre</b>	ditation for		Accreditation will be extended to			
Nature of	Classification	Level	Nature of	Classification	Level	
accreditation			accreditation			
Subfield	Baking Yeasts	4	Domain	Bakers Yeast	4	
	Manufacturing			Manufacture		
Subfield	Dairy Manufacturing	4	Subfield	Dairy Processing	4	
Subfield	Dairy Manufacturing	4	Subfield	Primary Products Food	4	
				Processing		
Subfield	Dairy Manufacturing	4	Domain	Distribution	4	
Domain	Baking Yeasts	4	Subfield	Primary Products Food	4	
	Production and Quality			Processing		
	Assurance and Safety			_		
	Skills					

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

All changes are in **bold**.

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

#### Manufacturing > Baking Yeasts Manufacturing Manufacturing > Dairy Processing

ID	cturing > Dairy P Domain	Title	Level	Credit	Review Category
25907	Baking Yeasts Manufacturing Operations Bakers Yeast Manufacture	Carry out the separation process in a baking yeasts manufacturing operation	3	5 <b>3</b>	B
25908	Baking Yeasts Manufacturing Operations Bakers Yeast Manufacture	Carry out a molasses blending process in a baking yeasts manufacturing operation Carry out molasses operations in a bakers yeast manufacturing operation	3	5 <b>3</b>	В
25909	Baking Yeasts Manufacturing Operations	Carry out a fermentation process in a baking yeasts manufacturing operation	3	8	С
25914	Baking Yeasts Manufacturing Operations	Monitor blower operations in a baking yeasts manufacturing operation	3	3	С
25915	Baking Yeasts Manufacturing Operations	Carry out a chemical mixing process in a baking yeasts manufacturing operation	3	5	С
28584	Bakers Yeast Manufacture	Carry out bakers yeast manufacturing processes	3	3	
25911	Baking Yeasts Manufacturing Operations	Carry out liquid baking yeasts preparation	2	3	С
25913	Baking Yeasts Manufacturing Operations	Carry out a liquid baking yeasts tanker loading	3	3	С
28585	Bakers Yeast Manufacture	Prepare the system and carry out liquid baking yeasts tanker loading	3	3	
28586	Bakers Yeast Manufacture	Carry out pure culture vessel (PCV) operations in a bakers yeast manufacturing operation	3	3	New

### Manufacturing > Baking Yeasts Manufacturing Manufacturing > Primary Products Food Processing

ID	Domain	Title	Level	Credit	Review Category
4310	Dairy Laboratory Methodology	Apply quality systems in the New Zealand dairy industry laboratory	3	2	С
4821	Dairy Quality and Process Improvement	Explain quality standards in the dairy industry	3	4	С
19975	Dairy Product Safety and Risk Management	Apply basic quality assurance practices in the dairy industry	2	4	С
19986	Dairy Quality and Process	Implement a quality system for a work area in the dairy industry	3	5	С
25901	Improvement Baking Yeasts Production Quality Assurance and Safety Skills	Apply basic quality assurance to own work area in a baking yeasts manufacturing operation	2	4	С
28619	Primary Products Food Processing – Core Skills	Apply quality assurance practices to own work area in a primary products food processing operation	3	5	
25902	Baking Yeasts Production and Quality Assurance and Safety Skills	Apply sustainable environmental practices in own work area in a baking yeasts manufacturing operation	2	2	С
28624	Primary Products Food Processing – Core Skills	Apply sustainable environmental practices in a primary products food processing operation	3	2	

# Manufacturing > Dairy Manufacturing

#### Manufacturing > Dairy Processing ID Domain Title Level Credit Review Category 24 764 Dairy Explain a separation and 4 В standardisation process in the Technology dairy industry Explain a separation and 20 Dairy 5 standardisation process in a Processing dairy processing operation

ID	Domain	Title	Level	Credit	Review Category
765	Dairy	Explain the Fritz buttermaking	4	32	В
	Technology	process in the dairy industry			
	Milk Products	Explain the Fritz continuous	5	20	
		buttermaking process in a			
		dairy processing operation			
766	Dairy	Explain anhydrous milkfat	4	32	В
	Technology	manufacturing plant in the dairy			
		industry	_		
	Milk Products	Explain Anhydrous Milkfat	5	20	
		(AMF) manufacturing in a dairy			
		processing operation			
768	Dairy	Explain a wet and dry process for	4	32	С
	Technology	the production of casein products			
0050	Deimi	in the dairy industry	4	0.4	0
8959	Dairy	Explain a wet and dry process for	4	24	С
	Technology	the production of caseinate in the dairy industry			
28607	Milk Products	Explain a wet and dry process	5	20	
20007		for the production of casein	5	20	
		and caseinate in a dairy			
		processing operation			
769	Dairy	Explain membrane processing in	4	32	В
100	Technology	the dairy industry	-	02	D
	Milk Products	Explain membrane processing	5	20	
		in a dairy processing operation	•		
770	Cheese	Demonstrate knowledge of the	4	35	В
	Making	cheese manufacturing process	-		_
	Milk Products	Explain the natural cheese	5	20	
		manufacturing process in a			
		dairy processing operation			
4304	Dairy	Explain the manufacture of ultra	3	4	В
	Technology	heat treated products in the dairy			
		industry			
	Milk	Demonstrate knowledge of the		5	
	Processing	manufacture of ultra-heat			
		treated (UHT) products in a			
		dairy processing operation	_	_	
4305	Dairy	Explain the manufacture of	3	4	В
	Technology	cultured dairy products and dairy			
		desserts in the dairy industry		_	
	Milk Products	Demonstrate knowledge of the		5	
		manufacture of cultured dairy			
		products and dairy desserts in			
1200	Chasse	a dairy processing operation	3	1	В
4306	Cheese	Demonstrate knowledge of	S	4	D
	Making Milk Products	processed cheese manufacturing		5	
				5	

-	Dairy Technology	Explain the manufacture of frozen	3	4	Category
	Technology		Ŭ	4	В
		milk products in the dairy industry			
	Milk Products	Demonstrate knowledge of the		5	
		manufacture of frozen milk			
		products in a dairy processing operation			
28604	Milk Products	Operate an ethanol process in a dairy processing operation	4	5	New
4826 I	Dairy	Explain milk composition and milk	3	4	В
	Laboratory	testing methods used in the dairy			
	Methodology	industry			
	Milk	Demonstrate knowledge of the		5	
	Processing	composition of milk and the			
		chemical and physical changes			
		during dairy product processing			
4827	Dairy Product	Explain general microbiology and	4	4	С
	Safety and	the control of microbes in the	•		Ŭ
	Risk	dairy industry			
	Management				
	Milk	Demonstrate knowledge of the	3	5	
	Processing	risks, testing and control of			
		microorganisms in a dairy			
		processing operation			
	Dairy	Explain heat transfer and heat	3	4	В
	Technology	treatment in the dairy industry			
	Milk	Demonstrate knowledge of		5	
	Processing	heat transfer and heat			
		treatment in a dairy processing			
4830	Dairy	operation Explain cream products	3	4	В
	Technology	processing in the dairy industry	5	4	В
	Milk Products	Demonstrate knowledge of		5	
		cream products processing in		J	
		a dairy processing operation			
4831 I	Dairy	Explain evaporation and spray	3	4	В
-	Technology	drying of dairy products in the			
		dairy industry			
	Milk Products	Demonstrate knowledge of		5	
		evaporation and spray drying			
		of dairy products in a dairy			
		processing operation			<u> </u>
	Dairy	Explain milk protein products	3	4	В
	Technology	processing in the dairy industry		-	
	Milk Products	Demonstrate knowledge of		5	
		casein processing in a dairy			
		processing operation Demonstrate knowledge of	3	5	В
4833					
	Cheese Making	cheese making	5	5	

ID	Domain	Title	Level	Credit	Review Category
4834	Dairy Technology	Explain whey products processing in the dairy industry	3	4	C
20368	Dairy Technology	Explain membrane operating tasks in the dairy industry	3	6	С
28610	Milk Products	Demonstrate knowledge of membrane separation processing in a dairy processing operation	3	5	
4835	Dairy Technology <b>Milk</b> <b>Processing</b>	Explain dairy product packaging in the dairy industry Demonstrate knowledge of product packaging and palletizing processes of dairy	3	4 5	В
27529	Dairy Supply Chain	products Explain the use and handling of cleaning agents and cleaning of milk tankers in the dairy industry	3	6	B
	Milk Processing	Demonstrate knowledge of cleaning agents used to clean milk tankers in a dairy processing operation	4	5	
28612	Milk Processing	Apply cleaning systems to cleaning milk tankers in a dairy processing operation	4	5	New
8960	Cheese Making Milk Products	Determine the manufacturing variables for processed cheese	4	6 20	В
16302	Dairy Product Safety and Risk Management	Explain the prevention and control of foreign matter contamination of dairy products	4	4	B
	Milk Processing	Demonstrate knowledge of the prevention and control of foreign matter contamination of dairy products	3	5	
16304	Dairy Technology	Explain the manufacture of cream products using scraped-surface heat exchange in the dairy industry	4	32	В
	Milk Products	Explain the manufacture of cream products using scraped-surface heat exchange in a dairy processing operation	5	20	

ID	Domain	Title	Level	Credit	Review Category
16311	Dairy Workplace Health and Safety <b>Milk Products</b>	Develop strategies to prevent, detect and control fire and explosion in a spray drying plant Demonstrate knowledge of the prevention of fires and dust explosions	4	5	B
17617	Cheese Making Milk Products	Demonstrate knowledge of speciality cheese making Explain speciality cheese making	4 5	35 <b>20</b>	В
17622	Dairy Technology Milk Products	Explain key quality parameters and process variables for a speciality spray dried dairy product Explain key parameters and process variables that influence the stickiness of a speciality spray dried dairy product	4 5	30 5	B
19329	Dairy Technology	Explain the fermentation process in the dairy industry	4	8	С
19330	Dairy Technology	Demonstrate knowledge of distillation skills in the dairy industry	4	8	С
28605	Milk Products	Demonstrate knowledge of ethanol processing in a dairy processing operation	3	5	
19334	Dairy Technology Milk Processing	Operate and maintain heat treatment critical control points for milk processing Demonstrate knowledge of continuous flow pasteurisation for milk processing	4	5	В
19739	Dairy Technology <b>Milk Products</b>	Explain the operation of milkfat fractionation processes in the dairy industry Explain the operation of a milkfat fractionation process in a dairy processing operation	4 5	32 20	В
19974 <b>28949</b>	Dairy Processing Milk Processing	Operate a diary processing system Identify and contribute to continuous improvement in a dairy processing operation	4	8 10	С

ID	Domain	Title	Level	Credit	Review Category
19977	Dairy Laboratory Methodology	Apply sampling techniques in the dairy industry	3	4	B
	Milk Processing	Comply with aseptic sampling techniques in a dairy processing operation		5	
19984	Dairy Laboratory Methodology	Conduct routine tests in the dairy industry	3	4	В
	Milk Processing	Conduct a tritation of a clean- in-place solution in a dairy processing operation		5	
19995	Dairy Processing	Carry out a butter churning process in the dairy industry	3	5	В
	Milk Products	Carry out a Fritz continuous buttermaking process in a dairy processing operation	4		
19996	Dairy Technology	Carry out a centrifugal separation process to separate milk components	4	5	В
	Milk Processing	Carry out a centrifugal separation process to separate milk components			
19997	Cheese Making	Carry out cheese curd production and cutting process	3	5	С
19998	Cheese Making	Carry out cheese pressing and moulding process	3	5	С
19999	Dairy Processing	Carry out a dairy product cooling and hardening process	3	5	С
28603	Milk Products	Carry out cheese processing operations	4	10	
20000	Dairy Processing Milk Products	Carry out a dairy product fermentation process Carry out a cheese and lactic	3 <b>4</b>	5	В
		casein process in a dairy processing operation			
20002	Dairy Processing	Carry out a dairy product holding and storage process	3	5	В
	Milk Products	Carry out a dairy product holding and storage process in a dairy processing operation	4		
20003	Dairy Technology	Carry out a drying process in the dairy industry	3	6	В
	Milk Products	Carry out a drying process in a dairy processing operation	4	5	
20004	Dairy Technology	Carry out an evaporation process in the dairy industry	3	5	В
	Milk Products	Carry out an evaporation process in a dairy processing operation	4		

ID	Domain	Title	Level	Credit	Review Category
20005	Dairy	Carry out a heat treatment	3	5	В
	Technology	process in the dairy industry			
	Milk	Operate a heat treatment	4		
	Processing	process in a dairy processing operation			
20007	Dairy	Carry out an ice cream or related	3	5	В
	Processing	product batch or continuous			
		freezing process			
	Milk Products	Carry out an ice cream or	4		
		related product batch or			
		continuous freezing process in			
		a dairy processing operation			
20009	Dairy	Carry out a mixing and/or	3	5	В
	Processing	blending process in the dairy			
		industry			
	Milk Products	Carry out a mixing and/or	4		
		blending process in a dairy			
		processing operation	-	_	_
20012	Dairy	Operate pumping equipment in	3	5	В
	Environmental	the dairy industry			
	Management				
	Milk	Operate pumping equipment in	4		
	Processing	a dairy processing operation	-		_
20017	Dairy Supply	Shift materials in the dairy	3	4	В
	Chain	industry		_	
	Milk	Shift production materials in a		5	
	Processing	dairy processing operation			
21121	Dairy	Carry out a bulk liquid transfer	3	4	В
	Processing	process for a dairy processing			
		operation		-	
	Milk		4	5	
01100	Processing	Operate a buttor all process	2	5	
21123	Dairy Processing	Operate a butter oil process	3	5	В
	Milk Products	Operate an Anhydrous Milkfat	4		
		(AMF) process in a dairy	4		
		processing operation			
21124	Dairy	Carry out a fractionation process	3	5	В
	Processing	in a dairy processing operation		5	
	Milk Products	Operate a milkfat fractionation	4		
		process in a dairy processing	-		
		operation			
21136	Dairy	Operate a process control	4	5	В
	Processing	interface in a dairy processing	.	-	_
	Milk	operation			

ID	Domain	Title	Level	Credit	Review Category
21801	Dairy Technology	Identify raw materials and products and described a spray drier process used in the dairy industry	4	18	C
21802	Dairy Technology	Identify materials and products and describe an evaporation process used in the dairy industry	4	16	С
28606	Milk Products	Explain the spray drier process used in a dairy processing operation	5	20	
23834	Cheese Making	Operate a processed cheese making plant	3	5	В
	Milk Products		4		
28608	Milk Processing	Demonstrate knowledge of a milk treatment process in a dairy processing operation	3	5	New
28609	Milk Products	Carry out a wet-side casein process in a dairy processing operation	4	5	New
28611	Milk Processing	Explain general microbiology, routine testing and control of microorganisms in a dairy processing operation	5	5	New
28927	Milk Products	Carry out a ultra-heat treated (UHT) process in a dairy processing operation	4	5	New
28928	Milk Products	Explain the manufacture of ultra-heat treated (UHT) products in a dairy processing operation	5	20	New
28929	Milk Products	Carry out a cultured dairy products and dairy desserts process in a dairy processing operation	4	5	New
28930	Milk Products	Explain the manufacture of cultured dairy products and dairy desserts in a dairy processing operation	5	20	New

# Manufacturing > Dairy Manufacturing Manufacturing > Primary Products Food Processing

ID	Domain	Title	Level	Credit	Review Category
4302	Dairy Environmental Management	Explain environmental management fundamentals in the dairy industry	3	4	С
28677	Primary Products Food Processing – Operational Skills	Explain environmental management fundamentals in a primary products food processing operation	4	5	
4303	Dairy Environmental Management	Explain environmental effects monitoring and waste treatment in the dairy industry	3	12	С
28663	Primary Products Food Processing – Core Skills	Demonstrate knowledge of waste treatment and environmental management in a primary products food processing operation	3	10	
4817	Dairy Product Safety and Risk Management	Control pathogens in the dairy industry	3	4	С
19523	Dairy Product Safety and Risk Management	Demonstrate knowledge of product safety programmes (PSP) in the dairy industry	2	4	С
19966	Dairy Product Safety and Risk Management	Apply product safety practices in the dairy industry	2	4	С
28630	Primary Products Food Processing – Core Skills	Apply hygiene and food safety requirements to own work area in a primary products food processing operation	3	5	
4818	Dairy Workplace Health and Safety	Explain health and safety practices in the dairy industry	3	4	С
19976	Dairy Workplace Health and Safety	Apply safe work procedures in the dairy industry	2	4	С
28644	Primary Products Food Processing – Core Skills	Apply safe work practices in own work area in a primary products food processing operation	3	3	

ID	Domain	Title	Level	Credit	Review Category
4819	Dairy Quality and Process Improvement	Apply documentation principles in the dairy industry	3	4	С
28621	Primary Products Food Processing – Core Skills	Comply with all documentation requirements in a primary products food processing operation	3	3	
4820	Dairy Product Safety and Risk Management	Explain cleaning processes and safe handling of cleaning chemicals in the dairy industry	3	4	C
25946	Seafood Processing	Explain contamination, and cleaning and sanitation, in a seafood processing plant	3	10	С
25947	Seafood Processing	Describe micro-organisms, microbiological contamination, and cleaning and sanitation verification, in a seafood plant	3	10	С
28633	Primary Products Food Processing – Core Skills	Demonstrate knowledge of cleaning and sanitation in a primary products food processing operation	3	5	
4836	Dairy Product Safety and Risk Management	Explain clean in place systems used in the dairy industry	3	4	С
28639	Primary Products Food Processing – Core Skills	Demonstrate knowledge of clean-in-place processes in a primary products food processing operation	3	5	
17613	Dairy Product Safety and Risk Management	Clean and sanitise equipment manually in the dairy industry	3	5	С
19979	Dairy Product Safety and Risk Management	Clean and sanitise equipment in the dairy industry	3	4	С
28634	Primary Products Food Processing – Core Skills	Clean and sanitise work areas, machinery and equipment in a primary products food processing operation	3	2	

ID	Domain	Title	Level	Credit	Review Category
18406	Dairy Product Safety and Risk Management	Explain the workplace application of a Risk Management Programme in the dairy industry	3	10	С
19988	Dairy Product Safety and Risk Management	Implement a product safety plan for a work area in the dairy industry	3	5	С
28631	Primary Products Food Processing – Core Skills	Implement food safety requirements in a primary products food processing operation	4	5	
19327	Dairy Environmental Management	Explain application and operation of biological wastewater treatment systems in the dairy industry	4	12	C
28658	Primary Products Food Processing – Operational Skills	Demonstrate knowledge of biological wastewater treatment systems in a primary products food processing operation	4	10	
19328 28657	Dairy Environmental Management Primary Products Food Processing – Operational	Explain land-based wastewater treatment systems used in the dairy industry Demonstrate knowledge of land based wastewater treatment systems in a primary products food processing operation	3 4	8 10	C
	Skills				
19335	Dairy Product Safety and Risk Management	Monitor pest management in the dairy industry	3	6	С
28635	Primary Products Food Processing – Core Skills	Apply pest control procedures in own work area in a primary products food processing operation	3	5	
19528	Dairy Tacharalami	Explain the components of	3	4	С
28649	Technology Primary Product Food Processing – Operational Skills	automation in the dairy industry Demonstrate knowledge of automation in own work area in a primary products food processing operation	3	3	

ID	Domain	Title	Level	Credit	Review Category
19965	Dairy People	Analyse and convey workplace	4	8	C
28653	Skills Primary Products Food Processing – Core Skills	information in the dairy industry Analyse and convey workplace information in a primary products food processing operation	4	5	
19971	Dairy – Generic	Monitor the implementation of a quality system in the dairy industry	4	4	С
22045	Dairy Laboratory Methodology	Describe quality systems for a dairy industry laboratory	4	8	С
28620	Primary Products Food Processing – Core Skills	Monitor the operation of a quality system in a primary products food processing operation	4	5	
19973	Dairy Environmental Management	Monitor the implementation of an environmental programme in the dairy industry	4	6	С
19987	Dairy Environmental Management	Implement environmental procedures in the dairy industry	3	5	С
28625	Primary Products Food Processing – Core Skills	Monitor sustainable environmental practices in own work area in a primary products food processing operation	4	5	
19989	Dairy Workplace Health and Safety	Implement occupational safety and health principles and procedures in the dairy industry	3	5	С
22041	Dairy Workplace Health and Safety	Demonstrate knowledge and ability to work safely in a dairy industry laboratory	3	4	С
28645	Primary Products Food Processing – Core Skills	Monitor the implementation of health and safety practices in a primary products food processing operation	4	5	
20015 28652	Dairy – Generic Primary Products Food Processing – Core Skills	Plan to meet work requirements in the dairy industry Implement work priorities in a primary products food processing operation	3 <b>4</b>	5 10	С

ID	Domain	Title	Level	Credit	Review Category
20170	Dairy People Skills	Participate in teams in the dairy industry	3	4	C
20171	Dairy People Skills	Work in a team to achieve designated tasks in the dairy industry	2	4	С
28650	Primary Products Food Processing – Core Skills	Work in a team to achieve designated tasks in a primary products food processing operation	3	3	
20174	Dairy – Generic	Communicate in the workplace in the dairy industry	2	3	С
28931	Primary Products Food Processing – Core Skills	Interact with internal customers in a primary products food processing operation	3	2	
21118	Dairy Processing	Carry out clean-in-place processes for a dairy processing operation	3	4	С
28632	Primary Products Food Processing – Core Skills	Carry out automated clean-in- place processes in a primary products food processing operation	4	5	
22005	Dairy Laboratory Methodology	Perform gravimetric tests in the dairy industry	4	6	С
22006	Dairy Laboratory Methodology	Perform physical tests in the dairy industry	4	6	С
22007	Dairy Laboratory Methodology	Perform spectrophotometric analyses in the dairy industry	4	12	С
28672	Primary Products Food Processing – Operational Skills	Perform laboratory analyses in a primary products food processing operation	4	10	
25675	Dairy Environmental Management	Explain environmental management of noise from a dairy manufacturing site	4	6	С
28627	Primary Products Food Processing – Operational Skills	Explain environmental management of noise from a primary products food processing operation	5	3	

ID	Domain	Title	Level	Credit	Review Category
28638	Primary Products Food Processing – Core Skills	Coordinate compliance for food safety in a primary products food processing operation	5	10	New
28640	Primary Products Food Processing – Core Skills	Coordinate environmental management systems in a primary products food processing operation	5	5	New
28641	Primary Products Food Processing – Core Skills	Coordinate health and safety practices and procedures in a primary products food processing operation	5	5	New
28647	Primary Products Food Processing – Operational Skills	Manage plant operations in a primary products food processing operation	5	10	New
28659	Primary Products Food Processing – Core Skills	Coordinate quality assurance practices and procedures in a primary products food processing operation	5	10	New
28660	Primary Products Food Processing – Core Skills	Coordinate cross training to improve the competence of staff in a primary products food processing operation	5	10	New
28661	Primary Products Food Processing – Core Skills	Demonstrate knowledge of an automated clean-in-place (CIP) process in a primary products food processing operation	4	10	New
28676	Primary Products Food Processing – Operational Skills	Monitor waste water treatment processes in a primary products food processing operation	4	10	New