

FIELD MANUFACTURING**Revision and Rollover of *Dairy Manufacturing* unit standards**

| Subfield | Domain | Id |
|---------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dairy Manufacturing | Dairy - Generic | 19963 , 20011, 20016 |
| | Dairy Environmental Management | 4302, 4303, 16312 , 16313 , 17587, 19327, 19328, 22012 |
| | Dairy Laboratory Methodology | 4826 , 8962 , 19333 , 19977 , 19984 |
| | Dairy People Skills | 4823, 21114 |
| | Dairy Processing | 19995, 19997 , 19998 , 19999-20002, 20006 , 20007, 20008, 20009 , 21118 , 21121 , 21123 , 21124 , 21129, 21136 , 21137 , 21799 |
| | Dairy Product Safety and Risk Management | 4817 , 4820, 4827 , 4836, 16301 , 16667 , 17613 , 18404 , 18406 , 18407 , 19331 , 19335 , 19964 , 19966 , 19975 , 19979, 19988 , 21126, 21127 |
| | Dairy Quality and Process Improvement | 4819, 4821-4822, 19986 , 21132 , 21133 |
| | Dairy Supply Chain | 763 , 19990, 20017 , 20018 , 20019, 21120, 21122, 21130 |
| | Dairy Technology | 758, 760, 761 , 764-766, 768-770, 4304-4307 , 4816, 4825 , 4829 , 4830-4834, 4835 , 8959, 8960, 16300, 16304 , 16684, 19329, 19330, 19334 , 19524, 19526, 19528, 19529, 19739, 19968, 19981 , 19983 , 19996 , 20003, 20004, 20005 , 20010, 20013, 20368 , 22347 |
| | Dairy Workplace Health and Safety | 4818 , 16311, 17612, 19989 , 20776, 21119 , 21138 |

The New Zealand Industry Training Organisation has rolled over the unit standards listed above. The unit standards in **bold** have also been revised.

Date new versions published

July 2009

Planned review date

December 2014

Reason for the revision

Twenty unit standards have been revised as a result of feedback from stakeholders during the assessment and moderation process. A further 43 unit standards have been revised to update references and legislation. The remaining 57 unit standards have been rolled over to extend their registration date until a full review takes place during 2013-2014.

Main changes resulting from the revision

- The level of unit standard 4827 has increased from 3 to 4.
- The titles of unit standards 4817, 4827, 18406, 19335, 21118, 21121 and 21124 have been amended.
- The recommended entry requirement for unit standard 16301 has been removed.
- Special notes have been restructured to improve clarity.
- References and legislation have been updated.
- Elements, performance criteria and ranges have been amended to clarify meaning and ensure consistency.

Impact on existing provider accreditations

None.

Impact on existing qualifications

Qualifications that contain the revised standards or classifications are tabled below.

| | |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Affected | The qualification lists a revised classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits |
| Not materially affected | The qualification lists a standard that has a new title The qualification lists a standard that has a new classification |

The following NZITO qualifications are impacted by the changes and will be reviewed in 2010. Standards that generated the affected status are in **bold**.

| Qualification title | Classification or standard in the qualification |
|------------------------------------------------------------------------------------------|-------------------------------------------------|
| National Certificate in Dairy Manufacturing (Technology) (Level 3) [Ref: 0027] | 4817, 4827 , 18406 |
| National Certificate in Dairy Manufacturing (Workplace Safety) (Level 3) [Ref: 0740] | 4817 |
| National Certificate in Dairy Manufacturing (Sales and Service) (Level 3) [Ref: 0748] | 4817, 18406 |
| National Certificate in Dairy Manufacturing (Process Skills) (Level 3) [Ref:1043] | 21118, 21121, 21124 |

Summary of main changes

Subfield Dairy Manufacturing

Domain Dairy Processing

| Id | Title | Level | Credit |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|
| 21121 | Operate a bulk liquid transfer process for a dairy processing operation Carry out a bulk liquid transfer process for a dairy processing operation | 3 | 4 |
| 21124 | Operate a fractionation process in a dairy processing operation Carry out a fractionation process in a dairy processing operation | 3 | 5 |

Domain Dairy Product Safety and Risk Management

| Id | Title | Level | Credit |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|
| 4817 | Demonstrate pathogen control in the dairy industry Control pathogens in the dairy industry | 3 | 4 |
| 4827 | Explain general microbiology and the control of microorganisms in the dairy industry Explain general microbiology and the control of microbes in the dairy industry | 3 4 | 4 |
| 19335 | Demonstrate knowledge of pest management in the dairy industry Monitor pest management in the dairy industry | 3 | 6 |

Domain Dairy Product Safety and Risk Management

| Id | Title | Level | Credit |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|
| 18406 | Explain the workplace application of a product safety programme in the dairy industry Explain the workplace application of a Risk Management Programme in the dairy industry | 3 | 10 |
| 21118 | Carry out clean in place processes for a dairy processing operation Carry out clean-in-place processes for a dairy processing operation | 3 | 4 |