

**FIELD                    MANUFACTURING****Review of *Dairy Manufacturing* qualification****National Certificate in Dairy Manufacturing (Laboratory Technology) (Level 4)  
[Ref: 0581]**

The New Zealand Industry Training Organisation (NZITO) has completed the review of the qualification listed above.

**Date new version published****March 2007**

The next qualification review is planned to take place during 2012.

**Summary of review and consultation process**

The review was carried out because feedback had indicated that a change in content and structure was required to meet current industry requirements.

The new version of the qualification was drafted by NZITO in conjunction with the industry's Laboratory Technology Advisory Group, which consists of company representatives and Specialist Advisory Groups in chemistry, microbiology, and sensory evaluation. The focus of the qualification has moved from theory-based standards towards on-job knowledge and skills.

**Main changes resulting from the review**

This review has resulted in major structural change. Standards that are no longer considered relevant to the outcome of this qualification have been removed and new standards that recognise workplace knowledge and skills have been added. The structure has changed from a small compulsory section and an elective to a small compulsory section, one elective comprised of internal optional strands, a second elective as a balance to achieve the minimum credits for the qualification, and optional standards.

National Certificate in Dairy Manufacturing (Laboratory Technology) (Level 4) [Ref: 0581]  
**National Certificate in Dairy Manufacturing (Laboratory Technology) (Level 4) with optional strands in Chemistry, Microbiology and Sensory Evaluation [Ref: 0581]**

Review category	<b>B</b>	See <a href="#">Key to Qualification Review Categories</a> at the end of report
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**Changes to structure and content**

- The qualification has been restructured and now includes Elective 1 and Elective 2; Elective 1 allows candidates the alternative of selecting one of the three internal optional strands – Chemistry, Microbiology, and Sensory Evaluation.
- Titles, levels, credits and classifications have been updated to reflect unit standard review.
- Overall credit total increased from 40 to 44.
- Standard 8961 in the compulsory section and standards 8964, 8965, and 8968 in the elective section have been replaced by standards 22045, 22044, 22043 and 22042 respectively. Standard 762 has been removed from the compulsory section and substituted with standard 22041.

- Standards 8963, 8966, 8967, 8970, 8972, 8973 and 17620 have been removed from the elective section and standards 8962, 8969, 8971 and 19336 have been moved to Elective 2.
- New standards 21998, 21990, and 22044 and standard 4098 have been added to Elective 2 along with subfields Dairy Manufacturing, Occupational Health and Safety, and Science.
- The Chemistry Optional Strand is composed of new standards 22001-22008 and 22444. Minimum credit required for the strand is 24.
- The Microbiology Optional Strand is composed of new standards 21991-22000 and 22042. Minimum credit required for the strand is 24.
- The Sensory Evaluation Optional Strand is composed of standards 765, 770, 8967 and new standards 22009-22011 and 22043. Minimum credit required for the strand is 24.
- An Optional section with standards 3271, 6400, 6401, 6402, 21989 and 21501 has been added.

## Transition

People currently enrolled in programmes leading to the award of version 2 of this qualification may either complete that version or transfer to version 3. However, there are substantial differences between the two versions. The last date for assessments to take place for version 2 is 30 June 2008.

This qualification contains standards that replace earlier standards. For the purposes of this qualification people who have gained credit for these standards are exempt from the requirement to gain credit for the replacement standards.

Credit for	Exempt from
4308	22041
8961	22045
8964	22044
8965	22043
8968	22042
19718	21501

It is not intended that anyone is disadvantaged by this review, and the above arrangements have been designed for a smooth transition. However, anyone who feels that they have been disadvantaged may appeal to:

New Zealand Industry Training Organisation  
PO Box 488  
HAMILTON

Telephone 07 839 7370  
Email [office@nzito.co.nz](mailto:office@nzito.co.nz)

## Key to Qualification Review Categories

<b>Category A</b> The qualification is published as a new version with the same NQF ID	Changes are made to SSB name, contact details or purpose statement
	No change is made to title, rules or components of the qualification
	No transition arrangements are required
<b>Category B</b> The qualification is published as a new version with the same NQF ID	Changes are made to title, rules or components
	The new version of the qualification recognises a similar skill set to that recognised by the previous version
	The SSB is confident that people awarded the new or previous version are comparable in terms of competence
	Transition arrangements are required if candidates must gain additional/different credits for the new version
<b>Category C</b> A new (replacement) qualification is published with new NQF ID	Significant changes are made to the qualification in terms of components, structure, type or level
	The SSB views people with the replacement qualification as being significantly different in terms of competence from those with the replaced qualification
	Transition arrangements are required
	Transition may be limited to phase-out dates
<b>Category D</b> Qualification will expire. There is no replacement qualification	Qualification is no longer required by industry
	The qualification is designated as expiring and a last date for meeting the qualification requirements is set