

National Certificate in Competitive Manufacturing (Level 4) with an optional strand in Facilitation

Level 4

Credits 70 or 90 with optional strand

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2019.

Transition Arrangements

This qualification was republished in August 2016 to reflect a change in classification.

This qualification has been reviewed and replaced by New Zealand Certificate in Competitive Systems and Practices (Level 4) [Ref: 2999].

Last date for entry into the replaced qualifications is 31 December 2017.

Last date for award of the replaced qualifications is 31 December 2019.

It is recommended that candidates currently enrolled in the replaced National Certificates in Competitive Manufacturing who will be unable to complete the qualifications by the 31 December 2019 transfer to the New Zealand Certificates listed above.

For detailed information see [Review Summaries](#) on the NZQA website.

This qualification contains an expiring classification in Electives and in the Facilitation Optional Strand that has been replaced. For the purposes of this qualification, people who have gained credit for the replacement classification are exempt from the requirement to gain credit for the expiring classification.

Credit from the replacement classification	Treated as credit from the replaced classification
<i>Manufacturing > Manufacturing Skills > Competitive Systems and Practices</i>	<i>Manufacturing > Manufacturing Skills > Competitive Manufacturing</i>

NQF Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	December 2005	December 2011
Revision	2	November 2008	December 2019
Review	3	October 2015	December 2019
Republication	3	August 2016	December 2019

Standard Setting Body

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Reviewed

National Certificate in Competitive Manufacturing (Level 4) with an optional strand in Facilitation

Level	4
Credits	70 or 90 with optional strand

Purpose

This qualification is for leaders in competitive manufacturing who interact between members of their team and management. The qualification recognises the candidate's knowledge and the skills required to lead change, implement a competitive manufacturing system and ensure process improvements are sustained. For those wishing to move into facilitation of competitive manufacturing teams, the Facilitation strand offers a wide choice of unit standards from relevant domains.

The qualification is structured to afford the maximum scope for career development within a range of processing industry disciplines that may include; administration, production, and value chain support areas. Training in competitive manufacturing will benefit people working in all areas of New Zealand manufacturing; including the dairy, food and related products, electricity supply, furniture, plastics and materials, printing, seafood and wood manufacturing industries, and the apparel and textile sectors.

Holders of this national certificate can progress to the National Diploma in Competitive Manufacturing [Ref: 1458].

This qualification has been registered on the National Qualifications Framework (NQF) in line with the objectives of the Ministerial Declaration of Confidence - 'Mutual Recognition of Vocational Education and Training Qualifications between Australia and New Zealand' and has been endorsed by the Competitive Manufacturing Consortium in New Zealand.

Special Notes

The Manufacturing Industry Skills Council (previously the Manufacturing, Engineering and Related Services Industry Training Advisory Body (MERSITAB)) developed the competency standards in this qualification as part of the *MSA07 Manufacturing* training package. Full details of training packages can be accessed at the National Training Information Service website: <http://www.ntis.gov.au>.

The Competitive Manufacturing Consortium in New Zealand, which is managed by the Competenz, is made up of eight Industry Training Organisations (ITOs) which have cooperated in the development of this qualification. For more information on the consortium or the Australian *MSA41108* Certificate IV in Competitive Manufacturing please contact the Competenz Curriculum Development Manager (details on page 6).

To meet the requirements of Certificate IV candidates must select only standards from the Competitive Manufacturing domain to meet the requirements of the balance set, if necessary, and must hold ten standards in total.

The qualification includes NQF standards (Australian) that are part of the Competitive Manufacturing qualifications in the *MSA07 Manufacturing* training package. The qualification has been designed to meet the requirements of the Australian Qualifications Framework [Certificate IV](#).

To suit the New Zealand context however, the requirements of this national certificate differ in some respects from Certificate IV. Whilst the qualifications are deemed equivalent for employment purposes, holders of Certificate IV may be required to undertake some additional training and/or assessment in order to be awarded this national certificate.

Credit Range

	Core Compulsory	Elective 1	Elective 2	Elective 3	Balance
Level 2 credits	-	-	-	-	0-19
Level 3 credits	-	-	0-5	-	0-19
Level 4 or above credits	26	5	5-18	10	0-19
Minimum totals	26	5	10	10	0-19

	Facilitation Optional Strand
Level 4 or above credits	20
Total	20

Requirements for Award of Qualification

Award of NQF Qualifications

Credit gained for a standard may be used only once to meet the requirements of this qualification.

Unit standards and achievement standards that are equivalent in outcome are mutually exclusive for the purpose of award. The table of mutually exclusive standards is provided in section 7 of the New Zealand Qualifications Authority (NZQA) Rules and Procedures publications available at <http://www.nzqa.govt.nz/ncea/acrp/index.html>.

Reviewed standards that continue to recognise the same overall outcome are registered as new versions and retain their identification number (ID). Any version of a standard with the same ID may be used to meet qualification requirements that list the ID and/or that specify the past or current classification of the standard.

Summary of Requirements

- A minimum of 70 credits
- Core Compulsory standards
- Elective 1 – A minimum of 1 standard as specified
- Elective 2 – A minimum of 2 standards as specified
- Elective 3 – A minimum of 10 credits as specified
- Balance – Balance if required

The following strands are optional

- Facilitation Optional Strand

Detailed Requirements

Core Compulsory

The following standards are required

Manufacturing > Manufacturing Skills > Competitive Manufacturing

ID	Title	Level	Credit
21517	Implement a competitive manufacturing system in a competitive manufacturing organisation	4	10
21518	Ensure process improvements are sustained in a competitive manufacturing organisation	4	8
21519	Lead change in a competitive manufacturing organisation	5	8

Elective 1

A minimum of 1 standard

Manufacturing > Manufacturing Skills > Competitive Manufacturing

ID	Title	Level	Credit
24780	Facilitate the development of a competitive manufacturing team	5	5
24781	Facilitate team culture improvement in a competitive manufacturing team	5	5

Elective 2

A minimum of 2 standards

Manufacturing > Manufacturing Skills > Competitive Manufacturing

ID	Title	Level	Credit
21520	Facilitate a Just in Time (JIT) system in a competitive manufacturing organisation	4	5
21521	Improve cost factors in work practices in a competitive manufacturing organisation	4	5
21522	Analyse manual handling processes in a competitive manufacturing organisation	3	5
21523	Lead 5S in a competitive manufacturing organisation	4	5
21524	Undertake process capability improvements in a competitive manufacturing organisation	4	10
21525	Mistake proof a production process in a competitive manufacturing organisation	4	5
21526	Facilitate use of planning software systems in a competitive manufacturing organisation	4	8
21527	Facilitate System Control and Data Acquisition systems in a competitive manufacturing organisation	4	8
21528	Undertake proactive maintenance analyses in a competitive manufacturing organisation	5	8

ID	Title	Level	Credit
21529	Assist in implementing a proactive maintenance strategy in a competitive manufacturing organisation	4	8
24782	Monitor and control a manufacturing levelled pull system in a competitive manufacturing organisation	4	5
24783	Facilitate continuous improvement in a competitive manufacturing organisation	4	5
24784	Apply statistics to processes for a competitive manufacturing organisation	4	5
24785	Lead a proactive maintenance strategy in a competitive manufacturing organisation	4	5

Elective 3

A minimum of 10 credits at Level 4 or above

Field	Subfield	Domain
Manufacturing	Manufacturing Skills	Competitive Manufacturing

Balance

The balance of credits, if required, to achieve

A minimum of 70 credits

May come from the following

Business > Business Operations and Development > Quality Management

ID	Title	Level	Credit
8081	Collect data for a specified purpose	3	8

Manufacturing > Manufacturing Skills > Manufacturing Processes

ID	Title	Level	Credit
21333	Demonstrate basic knowledge of workflow management in a manufacturing environment	3	4

Field	Subfield	Domain
Manufacturing	Manufacturing Skills	Competitive Manufacturing

Facilitation Optional Strand

A minimum of 20 credits at Level 4 or above

Field	Subfield	Domain
Business	Business Operations and Development	People Development and Coordination
		Systems and Resources Management
Education	Adult Education and Training	Delivery of Adult Education and Training

Field	Subfield	Domain
	Generic Education and Training	Assessment of Learning
Humanities	Communication Skills	Interpersonal Communications
Manufacturing	Dairy Manufacturing	Dairy People Skills
	Manufacturing Skills	Competitive Manufacturing

Transition Arrangements

Version 2

Version 2 was issued in order to update the elective sections following the registration of further Competitive Manufacturing NQF standards (Australian) from the Australian *MSA07 Manufacturing* training package, the review of Certificate IV, and the review of the First Line Management domain.

Changes to structure and content

- A new Elective 1 has been added to better reflect the structure of Certificate IV.
- Standards 24782, 24783, 24784, and 24785 have been added to Elective 2.
- The option to choose standards from the First Line Management domain in the Facilitation Optional Strand has been replaced with the option to choose standards from the People Development and Coordination, and Systems and Resources Management domains.

For detailed information see Review Summaries on the NZQA website.

People currently working towards version 1 may either complete the requirements for that version by 31 December 2011 or transfer their results to this version. The last date for entry to training programmes or courses for version 1 is December 2009.

For the purposes of this qualification people may use credit gained for standards in the lapsing domain towards meeting the qualification requirements as follows:

Credits for standards in	Count towards qualification requirements where the following is specified
Business > Management > First Line Management	Business > Business Operations and Development > People Development and Coordination

It is anticipated that no existing trainees will be disadvantaged by these transition arrangements. Any person who feels they have been disadvantaged by these transition arrangements should contact Competenz who will consider appeals on a case by case basis. For further information on the transition arrangements please contact the Competenz Curriculum Development Manager at the address below.

Previous version of the qualification

Version 1 was developed as part of the registration of the NQF standards (Australian) and qualifications in Competitive Manufacturing in 2005. This qualification provided advanced technical skills in Competitive Manufacturing.

Certification

The certificate will display the logos of NZQA, the Competitive Manufacturing Consortium in New Zealand and the accredited organisation.

Classification

This qualification is classified according to the NQF classification system and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	Description	Code	Description
1962	Manufacturing > Manufacturing Skills > Competitive Manufacturing	030101	Engineering and Related Technologies > Manufacturing, Engineering and Technology > Manufacturing Engineering

Quality Management Systems

Providers and Industry Training Organisations must be accredited by a recognised Quality Assurance Body before they can register credits from assessment against standards. Accredited providers and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Accreditation requirements and the moderation system are outlined in the associated Accreditation and Moderation Action Plan (AMAP) for each standard.

Appendix I

Progression of Industry Qualifications



Appendix II

Recommended order in which credit should be gained

