

## National Certificate in Textiles Manufacture (Technology) (Level 4)

**Level** 4

**Credits** 105

### Purpose

This national certificate is for people working in, or associated with the textile industry. This qualification is a means of recognising skills and knowledge in textile manufacturing that people have gained. People who have achieved this qualification will have knowledge and core skills in the areas of computing and statistical analysis, fibres and yarns, and selected textile manufacturing technology.

A number of the core skills unit standards in this qualification are also included in the National Certificate in Wool Scouring (Early Stage Wool Processing) (Level 4) [Ref: 0639] and some other Level 3 textile industry qualifications. This is expected to present people with the opportunity to move between sectors and/or specialities within the textile industry.

### Credit Range

	Compulsory	Elective
Level 3 credits	39	-
Level 4 credits	30	0-15
Level 5 credits	7	14-29
Minimum totals	76	29

### 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

- Compulsory standards
- Elective – A minimum of 29 credits as specified

## Detailed Requirements

### Compulsory

The following standards are required

Business > Business Operations and Development > Systems and Resources Management

ID	Title	Level	Credit
16342	Identify key workplace organisational principles	4	4

Business > Management > Quality Management

ID	Title	Level	Credit
8089	Use statistical process control tools for the control and improvement of processes	4	6

Computing and Information Technology > Computing > Generic Computing

ID	Title	Level	Credit
2783	Demonstrate knowledge of the components of personal computer systems	3	3
6749	Demonstrate an understanding of computerised process control systems	5	7

Manufacturing > Textiles Manufacture > Core Yarn Processing

ID	Title	Level	Credit
4176	Demonstrate knowledge of yarn specification and measurement	4	20
5876	Demonstrate knowledge of natural textile fibres	3	10
5877	Demonstrate knowledge of manufactured textile fibres	3	10
5878	Demonstrate knowledge of spun yarns	3	10

Manufacturing > Textiles Manufacture > Textile Dyeing and Finishing

ID	Title	Level	Credit
5375	Demonstrate knowledge of textile dyeing and finishing	3	6

**Elective**

A minimum of 29 credits

## Manufacturing &gt; Textiles Manufacture &gt; Carpet Manufacture

ID	Title	Level	Credit
8957	Demonstrate advanced knowledge of carpets and carpet manufacture	5	25
16618	Demonstrate knowledge of carpet properties and performance in use	5	20

## Manufacturing &gt; Textiles Manufacture &gt; Core Yarn Processing

ID	Title	Level	Credit
4177	Demonstrate knowledge of textile fibre blending	4	15

## Manufacturing &gt; Textiles Manufacture &gt; Fabric Finishing

ID	Title	Level	Credit
2909	Demonstrate knowledge of fabric finishing processes and technology	5	20

## Manufacturing &gt; Textiles Manufacture &gt; Top Making, Semi-Worsted and Worsted Processing

ID	Title	Level	Credit
22166	Demonstrate knowledge of semi-worsted and worsted yarn making technology	5	20

## Manufacturing &gt; Textiles Manufacture &gt; Weaving

ID	Title	Level	Credit
2898	Demonstrate knowledge of woven fabric structure and design	5	20
2899	Demonstrate knowledge of woven fabric manufacture	5	15

## Manufacturing &gt; Textiles Manufacture &gt; Woollen Yarn Processing

ID	Title	Level	Credit
4162	Demonstrate knowledge of woollen carding and spinning technology	5	20

## Transition Arrangements

### Version 2

This qualification was revised and issued to accommodate the review and reclassification of the First Line Management standards.

Changes to structure and content

- Replacement of elective standard 1985, which has been designated expiring and will not be replaced, with compulsory standard 16342 which has similar outcomes.
- Replacement of expired standards 3127, 3128, and 3137 in the elective section with standard 22166.
- Credit total increased from 91 to 105 credits.

For detailed information see Review Summaries on the NZQA website.

People currently enrolled in programmes leading to the award of version 1 of this qualification may either complete that version or transfer to version 2.

This qualification contains standards that replace earlier standards. For the purposes of this qualification, people who have gained credit for the expiring standards are exempt from the requirement to gain credit for the replacement standards – see table below.

Credit for	Exempt from
1985	16342
3127, 3128, 3137	22166

The Competenz does not intend that any existing candidate be disadvantaged by this revision. However, any candidate who feels that they have been disadvantaged should contact Competenz at the address below.

### NQP Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	June 1999	December 2009
Revision	2	June 2008	N/A

### Standard Setting Body

Competenz  
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 Website <http://www.competenz.org.nz/>

## Planned Review

Any person or organisation may contribute to the review of this qualification by sending feedback to the standard setting body at the above address.

Next Review	2009
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## Other standard setting bodies whose standards are included in the qualification

NZQA

## Certification

The certificate will display the logos of NZQA, Competenz 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.

NQF Classification		NZSCED	
Code	Description	Code	Description
194	Manufacturing > Textiles Manufacture	030105	Engineering and Related Technologies > Manufacturing, Engineering and Technology > Textile Making

### 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.