

National Certificate in Textile Dyeing and Finishing (Dyeing Technology) (Level 4) with strands in Shade Assessment and Measurement, and Chemical Preparation

Level 4

Credits 136 or 156 depending on strand

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

Transition Arrangements

This qualification was republished to extend the last date of entry to 31 December 2017. This qualification has been reviewed and replaced by the New Zealand Certificate in Dyeing and Finishing (Level 4) [Ref: 2977].

The last date for entry into programmes leading to this qualification is 31 December 2017.

It is anticipated that no existing candidates will be disadvantaged by these transition arrangements. However, anyone who feels that they have been disadvantaged may appeal to Competenz at the address below. Appeals will be considered on a case by case basis.

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

NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Revision	2	June 1996	December 2004
Revision	3	January 1998	December 2004
Revision	4	December 2002	December 2012
Revision	5	January 2004	December 2013
Review	6	March 2010	December 2019
Review	7	October 2015	December 2019
Republished	7	July 2016	December 2019

Standard Setting Body

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National Certificate in Textile Dyeing and Finishing (Dyeing Technology) (Level 4) with strands in Shade Assessment and Measurement, and Chemical Preparation

Level 4

Credits 136 or 156 depending on strand

Purpose

This is a national certificate for people working in the dyeing industry. The qualification is a means of recognising skills and knowledge that people have achieved in textile dyeing.

People who have achieved this qualification will be able to demonstrate knowledge of dyeing or printing equipment, carry out sample dyeing in the laboratory, and correct shades to match a given textile sample.

Candidates also choose between the Shade Assessment and Measurement Strand, where they will focus on using a computerised colour measurement system, or the Chemical Preparation Strand, where they will develop skills in chemical and dyestuff preparation.

This qualification builds on the skills gained in the National Certificate in Textile Dyeing and Finishing (Advanced Operations) (Level 3) [Ref: 0288] and can lead to more advanced skills in the National Diploma in Textile Dyeing and Finishing (Advanced Dyeing Technology) (Level 5) [Ref: 0182].

Special Notes

There are no prerequisite requirements for entry to the qualification. However, because of the need to have access to dyestuffs and specialised dyehouse laboratory equipment, it is recommended that only people with access to an operational dyehouse or dye laboratory enrol on a programme leading to this qualification.

Credit Range

	Core Compulsory	Core Elective	Shade Assessment and Measurement Strand	Chemical Preparation Strand
Level 2 credits	-	-	2	-
Level 3 credits	45	-	14	36
Level 4 or above credits	50	25	-	-
Minimum totals	95	25	16	36
Total with strand			136	156

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

- Core Compulsory standards
- Core Elective – A minimum of 1 standard as specified

One of the following strands is required

- Shade Assessment and Measurement Strand
- Chemical Preparation Strand

Detailed Requirements

Core Compulsory

The following standards are required

Manufacturing > Textiles Manufacture > Textile Dyeing and Finishing

ID	Title	Level	Credit
5375	Demonstrate knowledge of textile dyeing and finishing	3	16
5376	Demonstrate knowledge of textile dye selection and use	5	25
5382	Apply chemicals to a textile sample using laboratory scale equipment	3	20
5383	Correct the shade of a textile sample to match a given shade	4	25
5385	Carry out visual shade checks on textiles	3	9

Core Elective

A minimum of 1 standard

Manufacturing > Textiles Manufacture > Textile Dyeing and Finishing

ID	Title	Level	Credit
5379	Demonstrate knowledge of dyeing machinery and mechanisms	4	25
5381	Demonstrate knowledge of textile printing	4	25

Shade Assessment and Measurement Strand

The following standards are required

Manufacturing > Textiles Manufacture > Textile Dyeing and Finishing

ID	Title	Level	Credit
5386	Measure shade of a textile material using a computerised colour measurement system	2	2
5387	Predict shades and/or shade corrections using a computerised colour measurement system	3	4
5388	Control a computerised colour measurement system	3	10

Chemical Preparation Strand

The following standards are required

Manufacturing > Textiles Manufacture > Textile Dyeing and Finishing

ID	Title	Level	Credit
5390	Measure and dispense dyestuffs and chemicals	3	18
5391	Mix dyestuffs and chemicals for use	3	18

Transition Arrangements

Version 6

Version 6 was issued as part of a scheduled review of qualifications in the Textile Dyeing and Finishing domain.

Changes to structure and content

- The credit value of standard 5375 increased from 6 to 16 credits.
- Standard 2780 was removed from the qualification.
- The overall credit value for the qualification has changed from 135 or 146 to 136 or 156.

For detailed information see Review Summaries on the NZQA website.

People currently working towards version 4 and 5 of the qualification may either complete the requirements for those versions or transfer their results to this version. The last date for entry to training programmes or courses for the previous versions of these qualifications is 31 December 2010.

Industry will continue to recognise the previous versions of these qualifications, so there should be no need to 'upgrade' by those who have already achieved one.

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

Previous versions of the qualification

Version 5 was issued following a correction to the range for the minimum total credit.

Previous versions of this qualification were issued following reviews of unit standard 2780.

Certification

This certificate will display the logos of NZQA, Competenz and the accredited organisation.

Classification

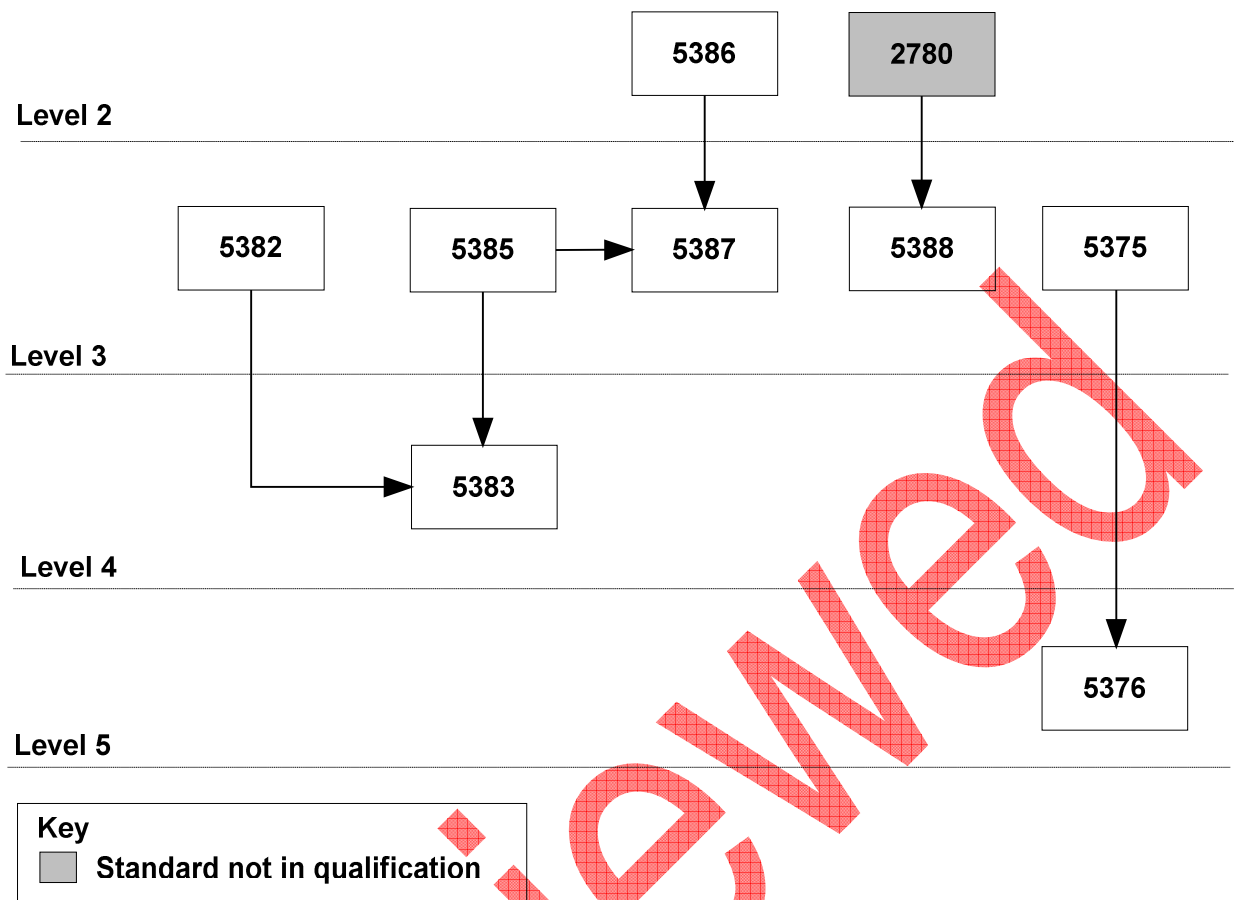
This qualification is classified according to the NQF classification system and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	Description	Code	Description
900	Manufacturing > Textiles Manufacture > Textile Dyeing and Finishing	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.

Recommended Standards Diagram



Reviewed