

Title	Perform tests on dyed and finished textile materials		
Level	4	Credits	15

Purpose	<p>This unit standard is for people working in the dyeing and finishing industry.</p> <p>People credited with this unit standard are able to: demonstrate knowledge of tests carried out on dyed materials and reasons for testing; sample and test processed material; and analyse and report on test results.</p>
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Classification	Textiles Manufacture > Textile Dyeing and Finishing
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to the Health and Safety at Work Act 2015.
- 2 Definition
Workplace procedures – procedures used by the organisation carrying out the work and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, and procedures to comply with legislative and local body requirements.
- 3 Assessment information
 All evidence must be in accordance with workplace procedures.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of tests carried out on dyed materials and reasons for testing.

Range wet and dry rub, light, wash fastness, yield, shrinkage, strength, dimensional stability, dimensions, friction, sewability;
 may include other tests used in the workplace.

Performance criteria

- 1.1 Test procedure and reasons for carrying out the test are described.
- 1.2 Calculations required by the test are carried out according to the test method.

Outcome 2

Sample and test processed material.

Range any six tests from – wet and dry rub, light, wash fastness, yield, shrinkage, strength, dimensional stability, dimensions, friction, sewability, other tests used in the workplace.

Performance criteria

2.1 Frequency/timing of sample is in accordance with workplace procedures.

2.2 Sample is taken and handled according to the test method.

Range selection, holding conditions, sub-sampling.

2.3 Test procedure is carried out according to the test method.

Range equipment assembled, conditioning requirements, test technique.

2.4 Results are recorded.

Outcome 3

Analyse and report on test results.

Range six tests selected in outcome 2.

Performance criteria

3.1 Test sample variables are calculated according to the test method.

3.2 Results are studied and compared with plant standards to assess conformance to standard.

3.3 Deviations from plant standard are reported to the designated plant staff.

3.4 Test records, results, and reports are kept.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 October 1995	31 December 2019
Revision	2	8 August 1997	31 December 2019
Revision	3	18 July 2000	31 December 2019
Revision	4	10 October 2001	31 December 2019
Revision	5	15 January 2004	31 December 2019
Rollover	6	25 July 2007	31 December 2019
Review	7	17 April 2009	31 December 2019
Review	8	19 May 2016	31 December 2023
Review	9	24 March 2022	31 December 2023

Consent and Moderation Requirements (CMR) reference

0030

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.