

Title	Demonstrate knowledge of textile dyeing and finishing safety		
Level	3	Credits	6

Purpose	People credited with this unit standard are able to demonstrate knowledge of: the rights and responsibilities of workers, businesses and health and safety representatives under the Health and Safety at Work Act 2015; safe chemical handling and chemical emergency procedures; safe use of dyehouse machinery; and report dyehouse safety incidents.
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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

Dyeing refers to all pre-treatments, dye cycle, and post-treatments carried out in the dyeing machine.

Product specifications refer to the document which accompanies each manufacturing order. This specifies all of the parameters for production of the yarn batch. This may include the fibre specification, the shade, dye bath parameters, machinery to be used and finishing procedures.

Workplace procedures refer to procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – 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
 - a All activities and evidence must be in accordance with workplace procedures.
 - b Performance criterion 4.2 may be demonstrated using simulation or case studies for unsafe machine operation and conditions.

Outcomes and performance criteria

Outcome 1

Explain the rights and responsibilities of workers, businesses and health and safety representatives under the Health and Safety at Work Act 2015.

Performance criteria

- 1.1 Rights and responsibilities of workers under the Health and Safety at Work Act are explained.
- 1.2 Rights and responsibilities of businesses under the Health and Safety at Work Act are explained.
- 1.3 Rights and responsibilities of health and safety representatives and health and safety committees are explained.

Outcome 2

Demonstrate knowledge of safe chemical handling and chemical emergency procedures.

Performance criteria

- 2.1 Plant first aid procedures for chemical accidents are demonstrated.
- 2.2 Safety equipment used for chemical accidents is located and operation of equipment is demonstrated.
- 2.3 Chemicals used are described in terms of identifying dangers and hazards in their use, and methods required for safe handling.

Outcome 3

Explain safe use of dyehouse machinery.

Performance criteria

- 3.1 Machines used in the workplace are explained in terms of the risks to safety during preparation and operation.
- 3.2 Emergency procedures in the event of a machine malfunction are explained.
- 3.3 Function and operation of safety features and devices fitted to machines in the workplace are explained.

Outcome 4

Describe accident reporting procedures and report dyehouse safety incidents.

Performance criteria

- 4.1 Accident reporting procedures for the workplace are described in accordance with the requirements of the Health and Safety at Work Act.
- 4.2 Unsafe machine operation incidents and unsafe machine conditions are reported.

Planned review date	31 December 2026
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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	28 November 2000	31 December 2019
Revision	5	10 October 2001	31 December 2019
Revision	6	15 January 2004	31 December 2019
Rollover	7	25 July 2007	31 December 2019
Review	8	17 April 2009	31 December 2019
Review	9	19 May 2016	31 December 2025
Review	10	24 March 2022	N/A

Consent and Moderation Requirements (CMR) reference	0030
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.