

Title	Process yarn in a finishing machine		
Level	3	Credits	8

Purpose	People credited with this unit standard are able to: demonstrate knowledge of processing carried out in a finishing machine; process yarn using finishing machine; clean finishing machine and work area.
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Classification	Textiles Manufacture > Woollen Yarn Processing
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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:
Health and Safety at Work Act 2015;
Hazardous Substances and New Organisms Act 1996;
Resource Management Act 1991;
and subsequent amendments.
- 2 Definitions
Finishing machine refers to machinery such as twistset, continuous finishing, and tapesour.
Workplace procedures refer to the procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – standard operating procedures, safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, procedures to comply with legislative and local body requirements.
- 3 Assessment information
All activities and evidence must be in accordance with workplace procedures.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of processing carried out in a finishing machine.

Performance criteria

1.1 Finishing machine sections are described in terms of their function and operation.

Range may include but is not limited to – creel, tension devices, break detectors, coiler, belts and/or tapes, bowls, squeeze press, dryer, accumulator, yarn separation, winder, chemical addition, liquor flow system, freize units.

1.2 Finishing processes are described in terms of treatment method and reasons for process.

Range may include but is not limited to – scouring, chemical setting, insect resist, pH control.

1.3 Chemical spillage emergency procedures are described.

Outcome 2

Process yarn using finishing machine.

Performance criteria

2.1 Personal protective equipment is used.

2.2 Safe work methods are demonstrated.

2.3 Yarn is processed.

Range machine – creel maintained; blockages and stoppages cleared; broken ends mended;
production – production weighed, identified and recorded according to workplace requirement.

2.4 Samples are taken.

Outcome 3

Clean finishing machine and work area.

Performance criteria

3.1 Bowls and chemical stock tanks are emptied and cleaned.

3.2 Machine, equipment and work area is kept clean and waste yarn is collected and sorted.

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	18 June 1995	31 December 2023
Revision	2	8 August 1997	31 December 2023
Revision	3	18 July 2000	31 December 2023
Revision	4	10 October 2001	31 December 2023
Revision	5	12 August 2004	31 December 2023
Review	6	23 April 2008	31 December 2023
Review	7	27 January 2022	N/A

Consent and Moderation Requirements (CMR) reference

0030

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

Comments on this unit standard

Please contact the 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.