

Title	Process slivers on a roving machine		
Level	2	Credits	6

Purpose	People credited with this unit standard are able to: demonstrate knowledge of roving and the roving machine; prepare and operate a roving machine; identify and fix operational and product faults; and clean the roving machine and work area.
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Classification	Textiles Manufacture > Top Making, Semi-Worsted and Worsted 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 the: Health and Safety at Work Act 2015.
- 2 Definition
Workplace procedures refers 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
All activities and evidence must be in accordance with workplace procedures.

Outcomes and performance criteria

Outcome 1

Describe roving and the roving machine.

Performance criteria

- 1.1 The process objectives of roving are described.

Range	may include but is not limited to – reduction of sliver thickness, sliver uniformity, fibre length distribution, fibre alignment.
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- 1.2 The function and operation of the parts of the roving machine are described.

Range	may include but is not limited to – machine controls, creel, drafting zone, aprons, cots, condensers, flyer, spindle.
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Outcome 2

Prepare and operate a roving machine.

Performance criteria

2.1 Personal protective equipment is used.

2.2 Safe work methods are demonstrated.

2.3 Roving machine is prepared for operation.

Range sliver identified, creel threaded, knock-off detectors operational, guides and condensers in place, machine in starting position.

2.4 Test sample is produced.

2.5 Roving is processed.

Range supply cans changed and ends joined in, full tubes removed, production weighed and identified, test samples taken.

2.6 Records are kept.

Outcome 3

Identify and fix operational and product faults.

Performance criteria

3.1 Roving faults are identified and corrective action is taken.

Range may include but is not limited to – apron wear, flyer guides, knock-off motions, cots, grommets, condensers.

3.2 Corrective action is taken to rectify roving faults identified during processing.

Outcome 4

Clean the roving machine and work area.

Performance criteria

4.1 Roving machine and work area are kept clean during processing.

4.2 Roving machine is cleaned at batch end.

4.3 Waste fibre is collected and sorted according to type to prevent contamination.

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	3 April 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	12 August 2004	31 December 2019
Rollover and Revision	6	25 July 2007	31 December 2019
Rollover	7	21 May 2010	31 December 2019
Review	8	19 May 2016	31 December 2025
Review	9	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.