

## Field      **Manufacturing**

### Review of *Textiles Manufacture* unit standards

Subfield	Domain	ID
Textiles Manufacture	Woollen Yarn Processing	4162-4164, 4166-4175, 19842, 26003, 26004, 26007
	Wool Scouring	2444-2455

Hanga-Aro-Rau has completed the review of the unit standards listed above.

**Date new versions published**

**January 2022**

**Planned review date**

**December 2026**

### Summary

These unit standards were reviewed between March and September 2021 as part of the qualification and programme review for manufacturing qualifications.

This review of unit standards was completed in consultation with stakeholders, particularly users of these unit standards in industry and those holding consent to assess, conducted primarily through video meetings and email communication.

All *Wool Scouring* unit standards are being expired, due to not being used for five years, and no future use by industry being identified. *Woollen Yarn Processing* standards have been reviewed, including seven standards that are being expired, due to not being used for five years, and no future use by industry being identified. One new unit standard was developed to support the skill gap due to expiring standards.

### Main changes

- All *Wool Scouring* unit standards were set to expire without replacement as per industry requirement.
- Guidance information, outcome, and performance criteria for Category B standards were amended to meet current industry needs.
- Titles of some Category B unit standards were amended to reflect the outcomes, and adjustments made (unit standards 4174 and 4175) to make them more open and able to be more widely used by industry.
- The level of Category B unit standards (except 4174) was decreased to better reflect the level of skills and knowledge required.
- The credits for Category B unit standards (except 4163) were amended to better reflect the time required to gain the skills and knowledge covered.
- Unit standard 32917 was developed to support gap in skills due to the expiry of unit standards 26003 and 26004.
- Unit standards were moved to the current template.

**Category D unit standards will expire at the end of December 2022**

**The last date for assessment of superseded versions of Category B unit standards is December 2023**

**Detailed list of unit standards – classification, title, level, and credits**

All changes are in **bold**.

<b>Key to review category</b>	
<b>A</b>	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
<b>B</b>	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
<b>C</b>	Major changes that necessitate the registration of a replacement standard with a new ID
<b>D</b>	Standard will expire and not be replaced

Manufacturing > Textiles Manufacture > Woollen Yarn Processing

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
4162	Demonstrate knowledge of woollen carding and spinning technology	5	20	D
4163	Card fibre on a woollen card	3 <b>2</b>	8	B
4164	Set up a woollen card to card fibre <b>Set up and test run a woollen card to card fibre</b>	4 <b>3</b>	20 <b>10</b>	B
4166	Spin yarn on a woollen ring spinning machine	3 <b>2</b>	12 <b>8</b>	B
4167	Set up a woollen spinning machine to spin yarn <b>Set up and test run a woollen spinning machine to spin yarn</b>	4 <b>3</b>	8 <b>10</b>	B
4168	Maintain a woollen ring spinning machine	5	60	D
4169	Spin yarn on a mule spinning machine	3	8	D
4170	Set up a mule spinning machine to spin yarn	4	8	D
4171	Maintain a mule spinning machine	5	20	D
4172	Process yarn in a tapescour	2	4	D
4173	Set up and monitor a tapescour	3	8	D
4174	Process yarn in a Twistset machine <b>Process yarn in a finishing machine</b>	3	12 <b>8</b>	B
4175	Set up and monitor a Twistset machine <b>Set up and monitor a finishing machine</b>	4 <b>3</b>	24 <b>10</b>	B
19842	Demonstrate knowledge of wet processing of wool carpet yarns	4	20	D
26003	Configure and set up a card feed system	5	25	D
26004	Configure and set up a woollen card and condenser	5	25	D
26007	Diagnose and rectify machine or component faults on a woollen card <b>Diagnose and rectify sub-standard carding machine performance or component faults on a woollen card</b>	5 <b>4</b>	40 <b>15</b>	B
<b>32917</b>	<b>Configure and set up a woollen card, woollen condenser and card feed system</b>	<b>4</b>	<b>15</b>	<b>New</b>

Manufacturing > Textiles Manufacture > Wool Scouring

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
2444	Demonstrate knowledge of wool and the wool scouring process	4	4	D
2445	Demonstrate knowledge of wool scouring technology	4	6	D
2446	Receive, store, and despatch wool in a wool scour	2	3	D
2447	Sort wool for wool scouring	3	6	D
2448	Blend and open greasy wool	2	3	D
2449	Scour wool	4	50	D
2450	Monitor and control utility supply equipment and systems	3	3	D
2451	Apply chemical treatments in a wool scour	3	3	D

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
2452	Press wool	2	4	D
2453	Operate the liquor treatment loop and primary separator	3	14	D
2454	Process wool grease	3	3	D
2455	Operate and monitor discharge and waste disposal systems	4	5	D