

<b>Title</b>	<b>Prepare combs, cutters and grinding equipment for machine shearing</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare grinders and grind combs and cutters; and select and dress combs, for machine shearing.
----------------	--

<b>Classification</b>	Wool Harvesting > Shearing
-----------------------	----------------------------

<b>Available grade</b>	Achieved
------------------------	----------

---

### Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
  - Health and Safety at Work Act 2015;
  - Animal Welfare Act 1999;
  - and any subsequent amendments.
  
- 2 Resource documents include but are not limited to:
 

*Safe Sheep Shearing Good Practice Guidelines*, available from Worksafe at <https://worksafe.govt.nz/dmsdocument/122-safe-sheep-shearing-good-practice-guidelines>

*Code of Welfare: Sheep and Beef Cattle*, available from the Ministry of Primary Industries at <https://www.mpi.govt.nz/dmsdocument/1450-sheep-and-beef-cattle-animal-welfare-code-of-welfare>.
  
- 3 Definition
 

*Industry guidelines* – a set of criteria within an industry relating to the standard functioning and carrying out of operations.

*Manufacturer's specifications* – instructions from the manufacturer which outlines the specifications, parts, maintenance, service schedule, repair and running of specific equipment.

*On-farm procedures* – refer to the verbal or written instructions to staff on procedures for animal care, welfare, and management.

---

### Outcomes and performance criteria

#### Outcome 1

Prepare grinders and grind combs and cutters for machine shearing.

**Performance criteria**

- 1.1 Wash and dry combs and cutters in preparation for grinding.
- 1.2 Operate the grinder in a manner that avoids injury to operator or others, and damage to equipment.
- Range location, lighting, guards, safety glasses, ear protection, pendulum pin length.
- 1.3 Identify faulty grinder components in terms of repair or replacement requirements.
- Range pressure bar, pendulum rod, grinding disc, guards.
- 1.4 Identify worn grinding paper and apply grinder paper to the grinder disk, as required.
- 1.5 Set the grinder.
- Range cleaning, discs, gluing, clamping, drying, trimming.
- 1.6 Determine even wear of combs and cutters, and sharpen combs and cutters.
- 1.7 Adjust and set pendulum pins.
- 1.8 Visually inspect grinding plates while in motion to ensure balance and trueness.

**Outcome 2**

Select and dress combs for machine shearing.

Range combs – new, used, winter;  
combs for – fine wool, crossbred wool.

**Performance criteria**

- 2.1 Select combs according to the breed of sheep, time of the year, and on-farm procedures.
- 2.2 Select comb to match wool type.
- 2.3 Dress comb teeth in accordance with industry guidelines and manufacturers specifications.
- 2.4 Polish comb leaving no rough or sharp points.

<b>Planned review date</b>	31 December 2024
----------------------------	------------------

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	30 September 1998	31 December 2023
Review	2	26 July 2003	31 December 2023
Review	3	21 August 2009	31 December 2023
Review	4	12 December 2019	N/A

**Consent and Moderation Requirements (CMR) reference**

0052

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

**Comments on this unit standard**

Please contact the Primary Industry Training Organisation [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.