

<b>Title</b>	<b>Describe grading systems for slipe wool and preserved skins, the production processes, and usage of slipe wool</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to describe: the system of grading preserved skins and slipe wool used in leather manufacture; the purpose, equipment and process used to wash and dewater slipe wool; the purpose, equipment and process used to dry slipe wool; and the usage of slipe wool in the wool industry.
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<b>Classification</b>	Fellmongery and Leather Processing > Fellmongery Processing Knowledge
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation relevant to this unit standard includes but is limited to:
  - Health and Safety at work Act 2015;
  - Hazardous Substances and New Organisms Act 1996;
  - Resource management Act 1991;
  - and any subsequent amendments.
  
- 2 Definitions
 

*Regain* refers to water content in the wool expressed as a percentage of the oven-dry weight.

*Slipe wool* refers to wool removed from a pelt by hand or machine after being treated with a chemical depilatory.

*Workplace procedures* refers to operational procedures including those for legislation, industry and customer requirements set out by an employer to be followed while undertaking tasks in the workplace.
  
- 3 Reference
 

The resource document includes but not limited to:

*The Slipe Wool Standard Grades guide*, and its subsequent amendments, available from the New Zealand Slipe Wool Industry Association (Inc), PO Box 1916, Christchurch 8140, phone 03 366 0389.

*Harvesting of Textile Animal Fibres* - FAO Agricultural Services Bulletin No. 122 Chapter 4 Fibre Harvesting Techniques Section 4.4 Slipe Wool Production - <http://www.fao.org/3/v9384E/v9384e09.htm#4.4>;

*Grading of Hides, Skins and Pelts* - Lowe Corporation - Hides Skins and Pelts at <http://www.lowecorp.co.nz/hides-skins-and-pelts/index.htm>.

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## Outcomes and performance criteria

### Outcome 1

Describe the system of grading preserved skins and slipe wool used in leather manufacture.

#### Performance criteria

- 1.1 Describe the slipe wool grading system in terms of factors affecting wool yield.
- 1.2 Describe common wool terminology used in a fellmongery in terms of their reference to slipe wool.
- Range common wool terms may include but is not limited to – type, colour, britch, dingy, cotted, micron, fine, coarse, moisture content; evidence of five is required.
- 1.3 Describe the grading system for preserved skins used in a fellmongery.
- 1.4 Describe common wool grades used for slipe wool in terms of their use in a fellmongery.
- Range may include but is not limited to – wool length, pelt length, A, B, C, density, footwear, micron, coarse, fineness; evidence of five is required.

### Outcome 2

Describe purpose, equipment and process used to wash and dewater slipe wool.

#### Performance criteria

- 2.1 Describe the purpose of wool washing in terms of the equipment used in the wool washing process.
- 2.2 Describe the purpose for wool dewatering in terms of the equipment used in the wool dewatering process.

### Outcome 3

Describe purpose, equipment and process used to dry slipe wool.

#### Performance criteria

- 3.1 Describe the method by which wool is dried in terms of the system or machines used in accordance with workplace procedures.
- Range system or machines include but are not limited to – brattice, drum dryer.

- 3.2 Describe the process of wool drying and regain in terms of the factors affecting the process.

Range process may include but is not limited to – dewatering efficiency, moisture content at drying, speed of drying, post drying moisture content weight.

#### Outcome 4

Describe the usage of slipe wool in the wool industry.

#### Performance criteria

- 4.1 Describe products manufactured using slipe wool in terms of the types of wool.

Range types of wool may include but are not limited to –fine, coarse, wool length, knitted, blended;  
products may include but are not limited to – clothing carpet;  
evidence of one is required.

<b>Planned review date</b>	31 December 2024
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 September 2001	31 December 2014
Review	2	24 November 2005	31 December 2014
Review	3	19 June 2009	31 December 2015
Review	4	21 February 2013	31 December 2017
Review	5	20 March 2014	31 December 2019
Review	6	19 February 2015	31 December 2021
Review	7	27 February 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0033
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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 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.