

<b>Title</b>	<b>Demonstrate knowledge of principles and practices of lamb and sheep pelt liming, delimiting, and bating</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<p>This entry-level unit standard is for people new to working in the fellmongery or leather processing industries.</p> <p>People credited with this unit standard are able to: demonstrate knowledge of: processing vessels used for lamb and sheep pelt processing; lamb and sheep pelt liming; and lamb and sheep pelt delimiting and bating.</p>
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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

Legislation relevant to this unit standard includes but is not limited to – Hazardous Substances and New Organisms Act 1996, Health and Safety in Employment Act 1992, Resource Management Act 1991.

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### Outcomes and performance criteria

#### Outcome 1

Demonstrate knowledge of processing vessels used for lamb and sheep pelt processing.

#### Performance criteria

1.1 The different types of vessels used for pelt processing are described in terms of their advantages and disadvantages.

Range vessels include but are not limited to – dollies, drums, mixers.

#### Outcome 2

Demonstrate knowledge of lamb and sheep pelt liming.

#### Performance criteria

2.1 The process of pelt liming is described in terms of its principles, purposes, and practices.

Range practices include but are not limited to – dolly liming, drum or mixer liming.

2.2 Liming chemicals are identified and described in terms of their use in the liming process.

Range chemicals include but are not limited to – hydrated lime, sodium sulphide.

2.3 Liming methods are identified and described in terms of their effectiveness.

Range effectiveness includes but is not limited to – control of the process, testing (alkalinity, sulphides).

### **Outcome 3**

Demonstrate knowledge of lamb and sheep pelt deliming and bating.

#### **Performance criteria**

3.1 The principles and purposes of the deliming process are described in terms of the removal of alkali and the lowering of pH levels.

3.2 Deliming agents are identified and described in terms of their use in the deliming process.

Range deliming agents include but are not limited to – ammonium salts, boric acid, carbon dioxide.

3.3 The principles and purposes of bating are described in terms of pelt quality.

3.4 Deliming and bating methods are identified and described in terms of controls.

Range controls include but are not limited to – time, temperature, pH.

3.5 The purpose of washout in the process of bating is described in terms of time and pelt quality.

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**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

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

Process	Version	Date	Last Date for Assessment
Registration	1	26 September 2001	31 December 2013
Review	2	24 November 2005	31 December 2013
Review	3	19 June 2009	31 December 2013
Review	4	19 April 2012	31 December 2015
Review	5	21 February 2013	31 December 2017
Review	6	20 March 2014	31 December 2023
Review	7	30 September 2021	31 December 2023

<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>.