

Title	Describe the physical structure and chemical composition of hides or skins used in leather manufacture		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to describe the physical structure of hides or skins; and identify and describe the chemical composition of hides or skins, used in leather manufacture.
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Classification	Fellmongery and Leather Processing > Leather Processing Knowledge
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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:
 - Health and safety at Work Act 2015;
 - Hazardous Substances and New Organisms Act 1996;
 - Resource Management Act 1991;
 - and any subsequent amendments.
- 2 Evidence for this unit standard must be supplied from the candidate's workplace which is either a tannery or fellmongery.

Outcomes and performance criteria

Outcome 1

Describe the physical structure of hides or skins used in leather manufacture.

Performance criteria

- 1.1 Describe structural features, layers by name and location in hides and skins and their significance in terms of leather manufacture.

Range skin structural features and layers include but are not limited to – epidermis, grain, corium, and one of – glands, follicles, erector pili, fat cells.

- 1.2 Describe features of hides or skins for different species in terms of cross-sectional diagrams.

Range species include but are not limited to – cattle, sheep, deer, goats.

Outcome 2

Identify and describe the chemical composition of hides or skins used in leather manufacture.

Performance criteria

2.1 Identify and describe the chemical composition of hides or skins by name and their significance in terms of leather manufacture.

Range chemical composition may include but is not limited to – collagen; keratin; and one of the following – non-fibrous protein, elastin, fats.

Planned review date	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Status information and last date for assessment for superseded versions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	24 September 1996	31 December 2014
Revision	2	23 March 1999	31 December 2014
Review	3	27 April 2000	31 December 2014
Revision	4	20 February 2002	31 December 2014
Revision	5	14 October 2004	31 December 2014
Review	6	14 December 2007	31 December 2015
Review	7	21 February 2013	31 December 2017
Review	8	20 March 2014	31 December 2017
Review	9	19 February 2015	31 December 2021
Review	10	27 February 2020	N/A

Consent and Moderation Requirements (CMR) reference	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 if you wish to suggest changes to the content of this unit standard.