

Title	Set up, operate and maintain complex tannery machinery		
Level	4	Credits	10

Purpose	<p>This unit standard is for people in the fellmongery or leather processing industries who are required to operate complex tannery machinery.</p> <p>People credited with this unit standard are able to: set up complex tannery machinery for operation; operate complex tannery machinery; and maintain complex tannery machinery.</p>
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Classification	Fellmongery and Leather Processing > Leather Processing Skills
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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, Resource Management Act 1991.
- 2 Definitions

Company specifications – product specifications set by the company relating to materials, processes and practices.

Organisational requirements – instructions to staff on policies and procedures which are documented in memo, electronic or manual format and are available in the workplace.
- 3 Range

Complex tannery machinery may include but is not limited to – shearer, roller coater, blocker, curtain coat, flesher, wool iron, buffer, sprayer, dry shaver, splitter, wet wheel, wool drier, wet shaver.
- 4 Assessment information

All activities and evidence must be in accordance with organisational requirements.

Outcomes and performance criteria

Outcome 1

Set up complex tannery machinery for operation.

Performance criteria

- 1.1 Safety checks are conducted in accordance with company specifications prior to machinery start-up.
- 1.2 Results of safety checks are reported.
- 1.3 Machine is set in accordance with company specifications for hide and skin types and quality required.
- 1.4 Tannery machinery is set up in accordance with processing requirements, production planning priorities, and company specifications.
- 1.5 Machinery is set up to permit hides and skins to be processed within company specified tolerances.

Outcome 2

Operate complex tannery machinery.

Performance criteria

- 2.1 Start-up and operate tannery machinery in accordance with manufacturer's requirements.
- 2.2 Machinery adjustments required are made for the types of hides and skins being processed.
- 2.3 Batches of hides and skins from different processing vessels are kept separate.
- 2.4 Hides and skins are processed in accordance with company quality and safety specifications and process requirements.
- 2.5 Creases and hide damage caused by the process are kept within company tolerance specifications.

Outcome 3

Maintain complex tannery machinery.

Performance criteria

- 3.1 Tannery machinery is monitored and maintained.
- 3.2 Machine stoppages, blockages, and breakdowns are identified and reported.
- 3.3 Tannery machinery is shut-down.
- 3.4 Tannery machinery is cleaned and made operational.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	30 June 1996	31 December 2012
Revision	2	9 March 1999	31 December 2012
Revision	3	20 February 2002	31 December 2012
Revision	4	16 January 2003	31 December 2012
Revision	5	14 October 2004	31 December 2012
Review	6	14 December 2007	31 December 2012
Review	7	21 July 2011	31 December 2015
Review	8	21 February 2013	31 December 2017
Review	9	20 March 2014	31 December 2017
Review	10	19 February 2015	31 December 2023
Review	11	30 September 2021	31 December 2023
Review	12	14 December 2023	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 Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.