

| | | | |
|--------------|--|----------------|----------|
| Title | Demonstrate knowledge of operation and equipment used during the skin painting process for the manufacture of leather | | |
| Level | 4 | Credits | 5 |

| | |
|----------------|--|
| Purpose | People credited with this unit standard are able to demonstrate knowledge of: the main components and associated operations of a paint table; the different methods of holding painted skins in the potting shed; and machine wool pulling equipment and procedures, used during the skin painting process for the manufacture of leather. |
|----------------|--|

| | |
|-----------------------|---|
| Classification | Fellmongery and Leather Processing > Fellmongery Processing Knowledge |
|-----------------------|---|

| | |
|------------------------|----------|
| Available grade | Achieved |
|------------------------|----------|

Guidance Information

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.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the main components and associated operations of a paint table used during skin processing for the manufacture of leather.

Performance criteria

- 1.1 Identify and describe paint table components and their purpose in terms of paint table operations.
- 1.2 Describe trimming, pre fleshing, skin squeezing, spreading and pairing painted skins in terms of the operational process.
- 1.3 Describe control factors used when applying depilatory paint in terms of their effectiveness.

Range chemical concentration – quick pull, overnight;
 pressure – air pressure, spray nozzle, spray pattern;
 volume applied – specific gravity, viscosity.

Outcome 2

Demonstrate knowledge of different methods of holding painted skins in the potting shed during the skin painting process for the manufacture of leather.

Range methods may include but are not limited to – conveyer, pole hanging, tray; evidence of two is required.

Performance criteria

2.1 Describe and compare painted skins holding methods in terms of their effectiveness.

2.2 Explain painted skins holding methods in terms of advantages and disadvantages.

Range advantages and disadvantages may include but are not limited to – manpower, paint thickness, capital outlay; evidence of two is required.

Outcome 3

Demonstrate knowledge of the equipment and procedure used for machine wool pulling during the skin painting process for the manufacture of leather.

Performance criteria

3.1 Describe the operation of a wool pulling machine in terms of the main functions of the machine.

3.2 Compare machine pulling with hand pulling in terms of efficiencies and wool grading consistency.

| | |
|----------------------------|------------------|
| Planned review date | 31 December 2024 |
|----------------------------|------------------|

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 |

| | |
|--|------|
| Consent and Moderation Requirements (CMR) reference | 0033 |
|--|------|

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.