



Australian Government

MSTHL2006 Use drum or vessel to prepare or tan hides or skins

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to LMTHL2006A Use drum or vessel to prepare or tan hides or skins

Application

This unit of competency covers the skills and knowledge required to perform the range of activities associated with using drums or vessels in the preparation and tanning processes for hides or skins.

Work may be conducted in small to large scale enterprises and may involve individual and team activities. Work is performed within industry codes, standards and defined procedures, under direct supervision.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Leather production

Unit Sector

Not applicable

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1	Determine job requirements	1.1	Follow standard operating procedures (SOPs)
		1.2	Comply with work health and safety (WHS) requirements at all times
		1.3	Use appropriate personal protective equipment (PPE) in accordance with SOPs
		1.4	Identify job requirements from specifications, job sheets or work instructions

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|---|--|-----|--|
| 2 | Prepare and load drum or vessel | 2.1 | Determine drum or vessel loads and batches by counting, weight, volume or other defined method |
| | | 2.2 | Assemble and make ready hides or skins to be prepared or tanned to be loaded into drum or vessel |
| | | 2.3 | Use relevant manual handling procedures to load drum or vessel with hides or skins |
| | | | |
| 3 | Use drum or vessel to prepare or tan hides or skins | 3.1 | Assess between load service of equipment in accordance with manufacturer and workplace procedures |
| | | 3.2 | Assess preparation and filling of drum or vessel |
| | | 3.3 | Select and use formulations or additives, as required |
| | | 3.4 | Operate and use drum or vessel in accordance with operator instructions and SOPs |
| | | 3.5 | Follow schedules for the particular process |
| | | | |
| 4 | Monitor drum or vessel process | 4.1 | Check and monitor drum or vessel use for correct function |
| | | 4.2 | Monitor process parameters in terms of temperature, time and chemical values |
| | | 4.3 | Recognise, isolate and report any deviations from normal |
| | | | |
| 5 | Unload drum or vessel | 5.1 | Unload hides or skins using relevant manual handling techniques |
| | | 5.2 | Direct hides or skins to correct area for next process |
| | | 5.3 | Control handling of process liquid or effluent in accordance with environmental and workplace procedures |
| | | | |
| 6 | Maintain records | 6.1 | Maintain documentation, as required |

6.2 Complete records, in accordance with workplace requirements

Foundation Skills

This section describes those required skills (language, literacy and numeracy) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Workplace procedures include one or more of the following:

- requirements prescribed by legislation, industry codes and standards, awards, agreements and conditions of employment
- SOPs
- work instructions
- oral, written and visual communication
- quality practices, including responsibility for maintenance of own work quality and contribution to quality improvement of team or section output
- housekeeping
- tasks related to environmental protection, waste disposal, pollution control and recycling
- WHS practices

Australian Standards include:

- the relevant industry or Australian Standards that are current at the time this unit is being undertaken

Tanning activities include one or more of the following:

- deliming
- bating
- pickling
- tanning

Preparation methods include one or more of the following:

- counting
- weight
- volume

- other defined method
- reversal of preservation
- washing
- liming
- scouring
- bleaching

Equipment includes one or more of the following:

- electronic monitoring and metering systems
- manual chart recording systems
- basic hand tools
- laboratory testing and sampling equipment

WHS practices

WHS practices must include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit, and include one or more of the following:

- manual handling techniques
- PPE
- safe materials handling
- ergonomic arrangement of workplaces
- following marked walkways
- safe storage of equipment
- housekeeping
- reporting accidents and incidents
- other WHS practices relevant to the job and enterprise

Unit Mapping Information

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Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>