



Australian Government

MSTHL2003 Operate machines to prepare hides or skins for tanning

Release: 1

MSTHL2003 Operate machines to prepare hides or skins for tanning

Modification History

Release 1. Supersedes and is equivalent to LMTHL2003A Operate machines to prepare hides or skins for tanning

Application

This unit of competency covers the skills and knowledge required to perform the tasks associated with operating and carrying out operator maintenance of machines used for preparing hides and skins for tanning.

The unit of competency applies to tanning that may be conducted in restricted spaces or exposed conditions or controlled or open environments.

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
2	Operate machine to prepare hides or skins for tanning	2.1	Identify and assess all necessary settings and preparation for machine operation in accordance with specifications and SOPs
		2.2	Start machine in accordance with SOPs
		2.3	Feed hides or skins through the machine in the appropriate manner and in accordance with procedures
		2.4	Direct hides or skins to correct area for next process
		2.5	Clean and maintain work area around the machine
		2.6	Stop or shut down equipment in accordance with procedures
3	Monitor product quality	3.1	Identify and apply quality requirements for the hides or skins for all stages of the process
		3.2	Check quality visually and continuously to ensure standard is maintained
		3.3	Recognise and isolate any deviations from normal
		3.4	Report variations to product quality in accordance with procedures
4	Carry out operator maintenance	4.1	Identify and report minor running problems according to workplace and equipment manufacturer procedures
		4.2	Report major machine and equipment or product faults
		4.3	Perform minor maintenance and cleaning in accordance with manufacturer specifications and SOPs
5	Dispose of waste materials	5.1	Apply industry standard and workplace procedures to minimise waste
		5.2	Dispose of machine waste in accordance with

environmental and workplace procedures

6	Communicate process information	6.1	Complete records and other documentation, where required
		6.2	Transfer information regarding production status and problems between changes in shifts, where required
		6.3	Maintain documentation at each stage of the process to expedite movement of the hides or skins through the various phases of treatment

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

Preparation for machine operation includes one or more of the following:	• pre-start visual checks, including safety requirements • basic maintenance checks and product setting requirements • start-up procedures • machine cleaning
Machines include one or more of the following:	• fleshing • splitting • scudding of hides or skins
Equipment includes one or more of the following:	• electronic monitoring and metering systems • manual chart recording systems • 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

Release 1. Supersedes and is equivalent to LMTHL2003A Operate machines to prepare hides or skins for tanning

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>

Assessment Requirements for MSTHL2003 Operate machines to prepare hides or skins for tanning

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria, and include:

- reading and following work instructions, standard operating procedures (SOPs), safe work practices, industry codes and standards
- applying relevant standards
- interpreting specifications and setting machine for operation
- operating machine and feeding hides or skins in accordance with procedures on at least two (2) occasions
- identifying and applying quality requirements for the hides or skins, and checking quality visually and continuously to ensure standard is maintained for all stages of the process
- recognising and isolating deviations from normal in accordance with specifications and procedures
- identifying minor running problems and reporting major machine, equipment or product faults
- applying workplace and industry standards to minimise and dispose of waste
- completing records and documentation
- transferring information regarding production status and problems between changes in shifts, where required
- maintaining documentation at each stage of the process to expedite movement of the hides or skins through the various phases of treatment.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- relevant Australian Standards
- industry and product processes and equipment
- characteristics and hazards of chemicals and other materials used on hides and skins or in the process
- machine preparation and operation procedures
- maintenance procedures and specifications
- quality standards and manual handling procedures

- work health and safety (WHS) and environmental aspects of relevant processes, particularly waste disposal
- relevant federal and state or territory legislative or regulatory requirements
- recording and reporting procedures.

Assessment Conditions

- Assessors must:
 - satisfy the assessor competency requirements that are in place at the time of the assessment, as set by the VET regulator
 - have vocational competency in operating machines to prepare hides or skins for tanning, at least to the level being assessed, with relevant industry knowledge and experience.
- Assessment should occur in operational workplace situations. Where this is not possible, or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment reflecting realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications associated with this unit.

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