



**Australian Government**

# **MSTHL2009 Perform drying operations**

**Release: 1**

# MSTHL2009 Perform drying operations

## Modification History

Release 1. Supersedes and is equivalent to LMTHL2009A Perform drying operations

## Application

This unit of competency covers the skills and knowledge required to perform drying operations at various stages of the hide, skin and leather processing, including the preparation procedures, 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 | <b>Determine job requirements</b> | 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 | <b>Prepare for drying</b>     | 2.1 | Load hides, skins or leather onto racks or otherwise prepare for drying                                                                                  |
|   |                               | 2.2 | Set equipment adjustments in accordance with manufacturer and workplace procedures, where applicable                                                     |
| 3 | <b>Carry out drying tasks</b> | 3.1 | Assess drying in accordance with workplace procedures and, where applicable, ensure timing, temperature and conditions are appropriate for the operation |
|   |                               | 3.2 | Unload or remove hides, skins or leather from equipment and rack or area in accordance with procedures                                                   |
|   |                               | 3.3 | Direct hides, skins or leather to correct area for next process or storage                                                                               |
| 4 | <b>Maintain records</b>       | 4.1 | Maintain documentation to expedite movement of the hides, skins and leather through the various phases of treatment                                      |
|   |                               | 4.2 | Complete records in accordance with workplace procedures, as required                                                                                    |

## 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**

- requirements prescribed by legislation, industry codes and standards, awards, agreements and conditions of employment

**the following:**

- 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

**Drying operations include one or more of the following:**

- preservation
- preparation to crust (air dry, hang, toggle, paste, vacuum, radio frequency and Seco-Therm)
- dried crust (stretching, toggle, Dyna-vac and vacuum)
- finishing (drying finish coating, base and top [air-drying and radiation])

**Equipment adjustments include one or more of the following:**

- time
- temperature
- conditions

**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 LMTHL2009A Perform drying operations

## 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 MSTHL2009 Perform drying operations

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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
- loading hides, skins, or leather onto racks or other drying apparatus
- adjusting equipment in accordance with procedures
- assessing drying operations in accordance with workplace procedures and, where applicable, ensuring timing, temperature and conditions are appropriate for the operation, on at least two (2) occasions
- removing and unloading hides, skins, or leather using appropriate manual handling techniques
- directing items to next stage of process
- recognising and isolating deviations from normal in accordance with procedures
- ensuring appropriate control of drying process to meet specifications
- maintaining documentation to expedite movement of the hides, skins and leather through the various phases of treatment
- completing records.

## 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
- drying operations:
  - preservation
  - preparation to crust (air dry, hang, toggle, paste, vacuum, radio frequency and Seco-Therm)
  - dried crust (stretching, toggle, Dyna-vac and vacuum)
  - finishing (drying finish coating, base and top [air-drying and radiation])
- industry and product processes and equipment
- procedures and requirements for preparation and loading
- adjustment requirements; including timing, temperature, and conditions

- monitoring processes and operator instructions
- quality standards and manual handling procedures
- work health and safety (WHS) and environmental aspects of relevant processes
- 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 performing drying operations, 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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