



Australian Government

Department of Education, Employment and Workplace Relations

LMTHL2008A Use drum or vessel to crust hides, skins or leather

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge required to perform the range of activities associated with using drums or vessels in the crusting processes for hides, skins or leather.

Application of the Unit

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This unit applies to using drum or vessel to crust hides, skins or leather. Work conducted in restricted spaces or exposed conditions or controlled or open environments.

Hides and skins preparation may refer to the following processes:

- washing
- neutralising
- retanning
- dyeing
- fat liquoring
- fixing

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

The application of this unit is according to OHS practices of the enterprise and workplace practices, which may include:

- requirements prescribed by legislation, awards, agreements and conditions of employment
- standard operating procedures
- 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

This unit requires the application of skills associated with interpreting work requirements and planning and organising activities to crust hides, skins or leather using necessary equipment and processes. This unit also requires an ability to recognise and report problems that may interfere with quality or production schedules. Self management skills are used to ensure work complies with workplace requirements.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisites

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Not applicable.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Confirm instructions	1.1 Requirements for the dye house processing are confirmed 1.2 Clarification is assessed, where necessary, to ensure accuracy of requirements
2 Prepare for drum or vessel processing	2.1 Drum or vessel loads and batches are accurately determined by counting, weight, volume or other defined method 2.2 Hides, skins or leather to be dyed or treated are assembled and made ready to be loaded into drum or vessel
3 Load drum or vessel	3.1 Drum or vessel is loaded with hides, skins or leather 3.2 All relevant OHS practices are followed
4 Use drum or vessel to crust hides, skins or leather	4.1 Between load service of equipment is assessed in accordance with manufacturers' and workplace procedures 4.2 Preparation and filling of drum or vessel is correctly assessed 4.3 Formulations or additives are correctly selected and used, as required 4.4 Drum or vessel is operated and used in accordance with standard operating instructions 4.5 Schedules followed for the particular process 4.6 Drum or vessel operator instructions are correctly followed
5 Monitor drum or vessel process	5.1 Drum or vessel use is checked and monitored for correct function 5.2 Process parameters are monitored in terms of temperature, time, chemical values etc. 5.3 Any deviations from normal are recognised, isolated and reported
6 Unload drum or vessel	6.1 Hides, skins or leather are unloaded, where required, using correct manual handling techniques 6.2 Hides, skins or leather are racked or directed to correct area for next process 6.3 Handling of process liquid or effluent is controlled in accordance with environmental and workplace procedures
7 Maintain records	7.1 Records are completed

Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

Demonstrates knowledge of:

- industry and product processes and equipment
- procedures and requirements for preparation and loading
- characteristics, hazards and applications of dyes, formulations and additives
- monitoring processes and operator instructions
- quality standards and manual handling procedures
- safety and environmental aspects of relevant processes, including effluent handling and disposal
- workplace procedures
- OHS practices, including hazard identification and control measures
- practices for recording and reporting

Demonstrates skills to:

- determine loads and batches and load drum or vessel
- carry out between load servicing, fill drum and vessel and add dyes, formulations and additives
- operate and use drum or vessel and follow schedules
- check and monitor correct function and process parameters
- recognise and isolate deviations from normal
- ensure appropriate control of process liquid or effluent
- communicate effectively within the workplace
- interpret and apply established procedures
- document, assess, and transfer information
- read, interpret, and follow information on work specifications, standard operating procedures and work instructions, and other reference material
- maintain accurate records
- sequence operations
- meet specifications
- clarify and check task-related information
- carry out work according to OHS practices

Evidence Guide

The Evidence Guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for the Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Demonstrates skills and knowledge to:

- prepare and use drum and vessel
- monitor product to ensure quality requirements are applied for all stages of process
- follow schedules
- control process liquid or effluent

Consistently applies skills and knowledge when:

- organising work
- completing tasks
- identifying improvements
- using workplace practices
- using OHS practices
- recording and reporting accidents and incidents
- assessing operational readiness of equipment used and work processes
- recognising and adapting to cultural differences in the workplace, including modes of behaviour and interactions
- completing work systematically with attention to detail without damage to goods and equipment

Context and specific resources for assessment

Assessment may occur on the job or in an appropriately simulated environment and requires access to work areas, materials and equipment and to information on workplace practices and OHS practices.

Guidance information for assessment

This unit may be assessed independently or in combination with other relevant units.

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the Performance Criteria, is detailed below. Add any essential operating conditions that may be present with training and assessment depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts.

Legislative/regulatory requirements	All work must comply with relevant Federal and State or Territory legislative or regulatory requirements.
Equipment may include	• electronic monitoring and metering systems • manual chart recording systems • basic hand tools • laboratory testing and sampling equipment
Preparation may include	• counting • weight • volume • other defined method
OHS practices	OHS practices must include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit, and may include: • manual handling techniques • standard operating procedures • personal protective equipment • safe materials handling • taking of rest breaks • ergonomic arrangement of workplaces • following marked walkways • safe storage of equipment • housekeeping • reporting accidents and incidents • other OHS practices relevant to the job and enterprise

Unit Sector(s)

Sector Leather Production