



Australian Government

Department of Education, Employment and Workplace Relations

MTMP3086B Operate tallow processing plant

Release: 1

MTMP3086B Operate tallow processing plant

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the skills and knowledge required to produce tallow from rendered meat product.
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Application of the Unit

Application of the unit	This unit is applicable to workers in rendering plants.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units	Nil	

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Press extracted tallow from cooked meal	1.1. Flow of cooked waste is monitored. 1.2. Presses are operated and monitored in accordance with work instructions. 1.3. Occupational Health and Safety (OH&S) requirements are identified and complied with.
2. Process tallow	2.1. Start-up and shut-down procedures are carried out in accordance with workplace requirements . 2.2. Screening of solids from tallow is monitored. 2.3. Tallow is separated. 2.4. Tallow samples are taken. 2.5. Tallow quality is visually monitored and feedback is provided to supervisor. 2.6. Work instructions for tallow production are followed. 2.7. OH&S procedures are followed.
3. Ensure the quality of tallow	3.1. Tallow specifications are identified. 3.2. Processing conditions that affect tallow quality are monitored.
4. Contain spillage	4.1. Any spillage of tallow is contained in accordance with workplace requirements.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

Ability to:

- apply relevant **communication skills**
- operate the tallow processing plant to workplace requirements
- apply relevant **regulatory requirements**
- comply with OH&S requirements
- monitor quality of tallow
- monitor tallow processing
- identify production problems and out-of-specification product and take corrective action
- work effectively as an individual and as part of a team

REQUIRED SKILLS AND KNOWLEDGE

- take action to improve own work performance as a result of self-evaluation, feedback from others, or in response to changed work practices or technology

Required knowledge

Knowledge of:

- basic principles of tallow processing
- OH&S requirements associated with tallow processing plant
- Quality Assurance (QA) requirements associated with tallow processing plant
- relevant regulatory requirements

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

The meat industry has specific and clear requirements for evidence. A minimum of three forms of evidence is required to demonstrate competency in the meat industry. This is specifically designed to provide evidence that covers the demonstration in the workplace of all aspects of competency over time.

These requirements are in addition to the requirements for valid, current, authentic and sufficient evidence.

Three forms of evidence means three different kinds of evidence - not three pieces of the same kind. In practice it will mean that most of the unit is covered twice. This increases the legitimacy of the evidence.

All assessment must be conducted against Australian meat industry standards and regulations.

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

Competency must be demonstrated at the normal rate of production for that rendering plant.

Context of, and specific resources for assessment

Assessment must be conducted in a registered, operating meat rendering plant.

Method of assessment

Recommended methods of assessment include:

- quiz of underpinning knowledge
- workplace demonstration
- workplace referee or third-party report of performance over time.

Assessment practices should take into account any relevant language or cultural issues related to Aboriginality or Torres Strait Islander, gender, or language backgrounds other than English. Language and literacy demands of the assessment task should not be higher than those of the work role.

Guidance information for assessment

A current list of resources for this Unit of Competency is available from MINTRAC www.mintrac.com.au or

EVIDENCE GUIDE

telephone 1800 817 462.

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. 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) may also be included.

<i>OH&S requirements</i> may include:	<ul style="list-style-type: none"> • enterprise OH&S policies, procedures and programs • OH&S legal requirements • Personal Protective Equipment (PPE) which may include: <ul style="list-style-type: none"> • coats and aprons • ear plugs or muffs • eye and facial protection • head-wear • lifting assistance • mesh aprons • protective boot covers • protective hand and arm covering • protective head and hair covering • uniforms • waterproof clothing • work, safety or waterproof footwear • requirements set out in standards and codes of practice.
<i>Workplace requirements</i> may include:	<ul style="list-style-type: none"> • enterprise-specific requirements • OH&S requirements • hygiene and sanitation requirements • QA requirements • Standard Operating Procedures (SOPs) • the ability to perform the task to production requirements

RANGE STATEMENT	
	<ul style="list-style-type: none"> • work instructions.
<i>Communication skills</i> may include:	<ul style="list-style-type: none"> • applying numeracy skills to workplace requirements • listening and understanding • reading and interpreting workplace-related documentation • sharing information • speaking clearly and directly.
<i>Regulatory requirements</i> may include:	<ul style="list-style-type: none"> • Export Control Act • relevant regulations and Australian Standards • requirements set out in AS 5008-2001/Amdt 1-2003 Australian Standard for the Hygienic Rendering of Animal Products.

Unit Sector(s)

Unit sector	
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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