



Australian Government

Department of Education, Employment and Workplace Relations

MTMP3084C Operate wet rendering process

Release: 1

MTMP3084C Operate wet rendering process

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit covers the skills and knowledge required to operate wet rendering process.
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Application of the Unit

Application of the unit	This unit is applicable to workers in a rendering plant.
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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. Operate metal detector	1.1. Metal detector sensitivity is checked regularly. 1.2. Metal detector is operated in accordance with <i>workplace requirements</i> .
2. Operate and maintain size reduction equipment	2.1. Mincer is operated in accordance with workplace requirements. 2.2. Knives and plates are changed daily in accordance with workplace requirements. 2.3. Occupational Health and Safety (<i>OH&S</i>) <i>requirements</i> are identified and complied with.
3. Monitor pre-heating	3.1. Start-up procedure is performed in accordance with workplace and manufacturer's requirements. 3.2. Feed rate is monitored. 3.3. In and out feed is balanced.
4. Monitor press or decanter	4.1. Press or decanter is monitored in accordance with workplace and manufacturer's specifications.
5. Monitor movement of solids to dryer	5.1. Temperature is monitored in accordance with workplace requirements. 5.2. Feed rate is monitored.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

Required skills

Ability to:

- conduct pre-start checks and maintenance procedures according to work instructions
- operate machinery according to workplace instructions
- produce a rendered product according to workplace requirements
- identify production problems and out-of-specification product and take corrective action
- apply relevant *communication skills*
- work effectively as an individual and as part of a team
- apply relevant *regulatory requirements*

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 wet rendering process
- operation and maintenance process
- need to change knives and plates daily and the replacement technique
- relevant regulatory requirements
- implications of not following manufacturer's instructions for operation and maintenance
- Quality Assurance (QA) requirements for rendered product

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.

EVIDENCE GUIDE**Guidance information for assessment**

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

Workplace requirements may include:

- 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
- work instructions.

OH&S requirements may include:

- enterprise OH&S policies, procedures and programs
- OH&S legal requirements
- Personal Protective Equipment (PPE) which may include:
 - 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

RANGE STATEMENT	
	<ul style="list-style-type: none"> • work, safety or waterproof footwear • requirements set out in standards and codes of practice.
<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 documentation • sharing information • speaking clearly and directly.
<i>Regulatory requirements</i> may include:	<ul style="list-style-type: none"> • Export Control Act • relevant Australian Standards • relevant regulations • requirements set out in AS 5008-2001/Amdt 1-2003 Australian Standard for the Hygienic Rendering of Animal Products • federal, state and territory regulations regarding meat processing.

Unit Sector(s)

Unit sector	
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Co-requisite units

Co-requisite units	

Competency field

Competency field	
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