



Australian Government

Department of Education, Employment and Workplace Relations

MTMP2181B Overview rendering process

Release: 1

MTMP2181B Overview rendering process

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the skills and knowledge required to understand the rendering process and work safely in the rendering area.
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Application of the Unit

Application of the unit	
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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. Identify steps in processing rendered products	1.1. Flow of waste and processed by-product through the plant is identified. 1.2. Major items of equipment such as cookers, presses and mills are identified. 1.3. Major uses of rendered products and customer specifications are explained.
2. Identify OH&S requirements for the rendering area	2.1. Occupational Health and Safety (OH&S) requirements for the rendering area are explained and followed. 2.2. Specific hazards in rendering area are identified and control methods are outlined.
3. Identify workplace requirements for the rendering area	3.1. Hygiene requirements for the rendering area are explained. 3.2. Quality requirements for rendering are identified. 3.3. Control points for rendering are identified in accordance with workplace requirements . 3.4. Procedures associated with control points are identified 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 **regulatory requirements**
- meet the OH&S requirements for working in the rendering area

Required knowledge

Knowledge of:

- environmental hazards associated with rendering products and the appropriate workplace requirements to minimise these
- quality requirements for rendered products
- workplace and customer quality requirements for rendered products
- relevant regulatory requirements

REQUIRED SKILLS AND KNOWLEDGE

- steps in rendering and the process involved
- OH&S requirements for working in the rendering area

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 in a rendering plant at a rate that meets workplace requirements.

Context of, and specific resources for assessment

Assessment must occur in the workplace under normal production conditions.

Method of assessment

Recommended methods of assessment include:

- assignments
- debriefs
- quiz of underpinning knowledge
- simulation
- verified work log or diary
- workplace demonstration
- workplace project
- 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

EVIDENCE GUIDE

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.

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
 - work, safety or waterproof footwear
- requirements set out in standards and codes of practice.

Workplace requirements may include:

- enterprise-specific requirements
- OH&S requirements
- Quality Assurance (QA) requirements
- Standard Operating Procedures (SOPs)
- the ability to perform the task to production

RANGE STATEMENT	
	requirements • work instructions.
Regulatory requirements may include:	• Export Control Act • federal, state and territory regulations regarding meat processing • hygiene and sanitation requirements • relevant Australian Standards • relevant regulations • requirements set out in AS 5008:2001 Australian Standard for the Hygienic Rendering of Animal Products • requirements set out in AS 4696:2007 Australian Standard for Hygienic Production and Transportation of Meat and Meat Products for Human Consumption.

Unit Sector(s)

Unit sector	This unit is applicable to employees in rendering plants.
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Co-requisite units

Co-requisite units	

Competency field

Competency field	
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