



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **MTMP3087C Operate blood processing plant**

**Release: 1**

## MTMP3087C Operate blood processing plant

### Modification History

Not applicable.

### Unit Descriptor

<b>Unit descriptor</b>	This unit covers the skills and knowledge required to operate a blood processing plant.
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### Application of the Unit

<b>Application of the unit</b>	This unit is applicable to workers in a meat rendering plant.
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### Licensing/Regulatory Information

Not Applicable

### Pre-Requisites

<b>Prerequisite units</b>	Nil	

## Employability Skills Information

<b>Employability skills</b>	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. Process blood meal	1.1. Work instructions for processing blood are followed. 1.2. Blood from slaughter floor is pumped into feeder tanks and the quality is visually monitored. 1.3. Coagulation of blood is monitored. 1.4. Blood is dried and temperature is monitored. 1.5. Blood meal is monitored for quality. 1.6. Blood meal samples are taken for analysis. 1.7. Flow of blood for processing is regulated according to work instructions. 1.8. Routine maintenance is undertaken in accordance with workplace specifications. 1.9. Occupational Health and Safety ( <i>OH&amp;S</i> ) <i>requirements</i> for operating a blood processing plant are met.

## Required Skills and Knowledge

### REQUIRED SKILLS AND KNOWLEDGE

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

#### Required skills

Ability:

- operate the blood processing plant to workplace requirements
- identify production problems and out-of-specification product and take corrective action
- monitor quality of blood meal
- apply relevant *communication skills*
- work effectively as an individual and as part of a team
- apply relevant *regulatory* and *workplace requirements*
- 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:

- OH&S and Quality Assurance (QA) requirements associated with the operation of

**REQUIRED SKILLS AND KNOWLEDGE**

- a blood processing plant
- general principles of blood processing
- qualities of raw materials and final product
- work instructions for the operation of a blood processing plant
- relevant regulatory and workplace requirements
- workplace and customer blood meal specifications

## Evidence Guide

<b>EVIDENCE GUIDE</b>	
<p>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.</p>	
<p><b>Overview of assessment</b></p>	<p>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.</p> <p>These requirements are in addition to the requirements for valid, current, authentic and sufficient evidence.</p> <p>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.</p> <p>All assessment must be conducted against Australian meat industry standards and regulations.</p>
<p><b>Critical aspects for assessment and evidence required to demonstrate competency in this unit</b></p>	<p>Competency must be demonstrated at the normal rate of production for that rendering plant.</p>
<p><b>Context of, and specific resources for assessment</b></p>	<p>Assessment must be conducted in a registered, operating meat rendering plant.</p>
<p><b>Method of assessment</b></p>	<p>Recommended methods of assessment include:</p> <ul style="list-style-type: none"> <li>• quiz of underpinning knowledge</li> <li>• workplace demonstration</li> <li>• workplace referee or third-party report of performance over time.</li> </ul> <p>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.</p>

**EVIDENCE GUIDE****Guidance information for assessment**

A current list of resources for this Unit of Competency is available from MINTRAC [www.mintrac.com.au](http://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.

***Communication skills*** may include:

- applying numeracy skills to workplace requirements
- listening and understanding
- reading and interpreting workplace documentation

<b>RANGE STATEMENT</b>	
	<ul style="list-style-type: none"> <li>• sharing information</li> <li>• speaking clearly and directly.</li> </ul>
<i>Regulatory</i> requirements may include:	<ul style="list-style-type: none"> <li>• Export Control Act</li> <li>• hygiene and sanitation requirements</li> <li>• relevant Australian Standards</li> <li>• relevant regulations</li> <li>• requirements set out in AS 5008-2001/Amdt 1-2003 Australian Standard for the Hygienic Rendering of Animal Products</li> <li>• requirements set out in AS 4696:2007 Australian Standard for Hygienic Production and Transportation of Meat and Meat Products for Human Consumption</li> <li>• federal, state and territory regulations regarding meat processing.</li> </ul>
<i>Workplace requirements</i> may include:	<ul style="list-style-type: none"> <li>• enterprise-specific requirements</li> <li>• hygiene and sanitation requirements</li> <li>• OH&amp;S requirements</li> <li>• QA requirements</li> <li>• Standard Operating Procedures (SOPs)</li> <li>• the ability to perform the task to production requirements</li> <li>• work instructions.</li> </ul>

### Unit Sector(s)

<b>Unit sector</b>	
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### Co-requisite units

<b>Co-requisite units</b>	



## Competency field

Competency field	
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