



Australian Government

Department of Education, Employment and Workplace Relations

MTMP2163C Prepare chemicals for fillmongering process

Release: 1

MTMP2163C Prepare chemicals for fellmongering process

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit covers the skills and knowledge required to prepare chemicals for the fellmongering process.
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Application of the Unit

Application of the unit	This unit is applicable to workers responsible for mixing the full range of chemicals used in fellmongering operations.
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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. Prepare chemicals for fellmongering process	1.1. Chemicals for the fellmongering process are removed from storage and transported to area for mixing in accordance with workplace and Occupational Health and Safety (OH&S) requirements. 1.2. Chemicals are mixed and stored in accordance with work instructions, OH&S requirements and manufacturer's specifications. 1.3. Pumps and mixers are operated to workplace and OH&S requirements. 1.4. Chemicals are mixed to workplace and OH&S requirements in accordance with the varying requirements of different types of skins. 1.5. pH readings of the mixed chemicals are taken and checked against specifications. 1.6. Chemicals are used, stored and disposed of in accordance with environmental protection requirements.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

Required skills

Ability to:

- obtain and cite the Material Safety Data Sheets for the chemicals used and explain how they relate to the use, mixing, storage and disposal of the chemicals
- transport chemicals for the fellmongering process to an area for mixing in accordance with workplace and OH&S requirements
- mix chemicals in accordance with work instructions, OH&S requirements and manufacturer's specifications
- mix chemicals to workplace requirements in accordance with the varying requirements of different types of skins
- work efficiently in teams and individually
- apply relevant **regulatory requirements**
- take action to improve own work performance as a result of self-evaluation,

REQUIRED SKILLS AND KNOWLEDGE

- feedback from others, or in response to changed work practices or technology
- use relevant *communication skills*

Required knowledge

Knowledge of:

- OH&S requirements for mixing chemicals
- OH&S hazards associated with mixing chemicals
- environmental risks and controls related to storing, mixing and disposing of chemicals
- protective equipment to be used for each chemical and the emergency procedures related to spills etc
- purpose of chemically treating skins in fellmongering
- steps in mixing chemicals, the protective equipment needed and safety procedures
- use of different mixes of chemicals in fellmongering
- 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 under normal production conditions and for a range of chemical formulations.

Context of, and specific resources for assessment

Assessment must be conducted in an operational fellmongering 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.

Chemicals may:

- be selected from a variety of different chemicals
- be used in different concentrations and mixes according to the requirements of a variety of skins.

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 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

RANGE STATEMENT	
	• 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.
Specifications may include:	• workplace • customer • grading • treatment • mathematical information
Safety procedures may include:	• accident prevention • electrical fault procedures • emergency evacuation procedures • emergency procedures in case of injury • equipment malfunction procedures • hand and arm protection.
Regulatory requirements may include:	• hygiene and sanitation requirements • relevant regulations.
Communication skills may include:	• applying numeracy skills to workplace requirements • listening and understanding • reading and interpreting workplace-related documentation • sharing information • speaking clearly and directly • working with diverse individuals and groups.

Unit Sector(s)

Unit sector	
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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