



Australian Government

Department of Education, Employment and Workplace Relations

AHCWOL303A Prepare wool based on its characteristics

Release: 1

AHCWOL303A Prepare wool based on its characteristics

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the functions required to prepare wool based on its characteristics and defines the standard required to: assess the key characteristics of wool; separate wool that differs in processing performance; remove all stained fibre from clean wool; separate wool with differing levels and types of impurities.
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Application of the Unit

Application of the unit	This unit covers skills and knowledge required to prepare lines of wool that are suitable for processing and meet the requirements of the industry Code of Practice.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

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

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

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1. Separate wools with characteristics outside the uniformity requirements of the Code of Practice.	1.1. Assessment of sheep breed and wool type is made. 1.2. Wools are separated into different lines based on: 1.2.1. fibre diameter 1.2.2. length and strength 1.2.3. colour and character 1.2.4. handle and style. 1.3. Staple formation and tip is checked. 1.4. Wool is examined for medullation and/or pigmentation.
2. Separate wool showing faults that impact on processing or fabric quality.	2.1. Wool is examined for dogginess that will impact on fabric quality. 2.2. Wool is checked for cotts that will require extra processing. 2.3. Skin pieces are identified and removed. 2.4. Wool is checked for dermatitis and kept separate. 2.5. Wool with a level and type of vegetable matter contamination that requires different processing is kept separate. 2.6. Mobs with high pigmented fibre risk are recorded according to the Code of Practice and their wool kept completely separate from low risk wool. 2.7. Wool from sheep with shedding characteristics is identified and kept completely separate from non-shedding white woolled sheep, with any risk of exposure documented on the classer's report. 2.8. Fleeces containing pigmented fibre in a white woolled flock are kept separate. 2.9. Wool containing stain is kept separate.
3. Recognise impurities of greasy wool and their effect on processing and yield.	3.1. Wool is examined for natural impurities. 3.2. Applied impurities are identified and their effect on processing is assessed. 3.3. Acquired impurities are identified and their effect on processing and yield of clean fibre is assessed.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

REQUIRED SKILLS AND KNOWLEDGE

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

Required skills

- assess key wool characteristics
- identify wool faults
- recognise impurities
- separate wool that does not meet Code of Practice requirements for uniform, predictable low risk lines of wool
- use literacy skills to read, interpret and follow organisational policies and procedures, follow sequenced written instructions, record accurately and legible information collected and select and apply procedures for a range of tasks
- use oral communication skills/language competence to fulfil the job role as specified by the organisation, including questioning techniques, active listening, clarifying information and consulting with supervisors as required
- use numeracy skills to estimate, calculate and record routine workplace measures
- use interpersonal skills to work with and relate to people from a range of cultural, social and religious backgrounds and with a range of physical and mental abilities.

Required knowledge

- breeds of sheep
- documentation of wool clips
- fleece measurement criteria - techniques used to measure wool characteristics
- Code of Practice for the Preparation of Australian Wool Clips
- processing methods - woollen and worsted, and stages of processing
- raw wool characteristics and their effect on processing and final product
- measurement of wool characteristics - diameter, length and strength, colour, yield, VM type, curvature and comfort factor
- wool faults and their impact on processing and fabric quality
- impurities of wool and their impact on processing and yield of clean fibre after processing
- wool growth, skin and fibre biology, and effect of genetics and environment on fibre characteristics.

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

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

The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following:

- assess the key characteristics of wool
- separate wool that differs in processing performance
- remove all stained fibre from clean wool
- separate wool with differing levels and types of impurities with due regard to required knowledge and skill, potential risks to human and animal health and the environment.

Context of and specific resources for assessment

Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole.

Types of wool may include:

- all wools that can be sold through the auction system.

Unit Sector(s)

Unit sector

Wool

Co-requisite units

Co-requisite units		

Competency field

Competency field	
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