



Australian Government

AHCWOL410 Class fleece wool

Release: 1

AHCWOL410 Class fleece wool

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Release 11.0.

Application

This unit of competency describes the skills and knowledge required to class fleece wool from merino and crossbred sheep into lines that meet the requirements of the industry code of practice.

This unit applies to individuals who take responsibility for their own work and for the quality of the work of others within known parameters. They provide and communicate solutions to a range of predictable and sometimes unpredictable problems.

This unit applies to Wool Classers who class wool as a professional service after consultation with the grower or shed manager.

All work must be carried out to comply with workplace procedures, work health and safety (WHS) and biosecurity practices, according to state/territory regulations, legislation, codes and standards that apply to the workplace.

No licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Wool (WOL)

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare for wool classing	1.1 Arrange the layout of the shed, equipment and facilities according to the determined classing strategy for efficient wool flow, quality

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	management and pressing 1.2 Identify hazards and biosecurity risks, apply safe working practices and use available safety equipment in line with work health and safety (WHS) standards 1.3 Identify potential and existing WHS hazards, assess risks and implement control measures 1.4 Establish and maintain sufficient staffing ratio for team work to conduct classing activity 1.5 Place clearly labelled bins and containers in line with the classing strategy, quality management system and workplace traceability requirements
2. Carry out classing of fleece wool	2.1 Handle and skirt fleece wool to the required standards 2.2 Check wool to ensure freedom from contamination and urine stain 2.3 Check wool to ensure adequate and optimum skirting 2.4 Assess pigmented fibre risk and keep wool separate according to workplace standards 2.5 Identify wet wool, urine stain, cotted and coloured wool and keep separate according to workplace standards 2.6 Appraise wool for its characteristics according to industry code of practice 2.7 Class and describe wool to standards in line with the industry code of practice and as required by alternative selling methods 2.8 Identify wool of higher and lower market value and processing requirements and make lines to maximise return to the grower/manager
3. Place wool in bins for pressing	3.1 Place wool in the correct bins ready for pressing and ensure that cross-contamination does not occur 3.2 Check wool flow into bins and communicate with wool presser

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Access, interpret and apply the industry code of practice requirements
Writing	Complete classing documents using vocabulary, grammatical structure and conventions appropriate to text and audience
Oral communication	Provide advice on wool lines market value and processing requirements to grower/managers using language that is appropriate to the industry

Unit Mapping Information

Code and title current release	Code and title previous release	Comments	Equivalence status
AHCWOL410 Class fleece wool	AHCWOL405 Class fleece wool	Application wording clarified Changes to performance criteria for clarification Foundation skills information added Changes to performance evidence to specify volume and frequency Knowledge evidence specificity added, and other wording clarified Assessment conditions clarified	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCWOL410 Class fleece wool

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has conducted fleece wool classing for each of the following:

- fine/superfine merino
- medium/strong merino
- crossbred.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- shed layouts that promote safe, efficient wool flow and classing
- characteristics of the breeds of sheep
- types of wool contamination and their sources, including:
 - urine stain
 - pigmented and medullated fibres and other animal fibres
 - baling twine
 - fertiliser bags
 - non-wool fibres
- impact of the wool production areas of Australia on clip characteristics
- inherent measurable wool characteristics and how they impact on classing:
 - visual quality count (fibre diameter)
 - staple length
 - tensile strength
 - colour
 - yield
 - vegetable matter (VM) type
 - curvature

- comfort factor
- effect of genetics and environment on fibre characteristics
- techniques used to measure wool characteristics
- effect of raw wool characteristics on wool processing and final product
- features and influences of wool growth, including:
 - skin and fibre biology
 - grazing and nutritional management
 - animal husbandry techniques
 - weather
- requirements for handling shedding and pigmented fibres
- interpretation of test results, clip feedback and reports
- principles of classing from the industry code of practice, including:
 - mob/flock concept
 - visual quality count variability for fibre diameter and staple length
 - soundness
 - cast lines and defects
- documentation requirements for wool clips
- features of relevant industry quality standards and codes of practice for classed wool, including the Code of Practice for the Preparation of Australian Wool Clips
- requirements of work health and safety (WHS) legislation in a wool preparation workplace
- teamwork principles:
 - working towards a common goal
 - communicating effectively and cooperation
 - understanding the work responsibilities of team members
 - respecting others' needs
 - embracing diversity
- workplace biosecurity policies, including:
 - reducing the risk of wool harvesting staff's exposure to any pest or disease
 - ensuring that any pest or disease agent present on wool within a facility is not spread further, particularly to susceptible livestock
 - reducing the spread of soilborne pathogens and weed seeds from shoes and vehicles, and visiting and stray animals
- bale traceability requirements, including:
 - industry Wool Classer specification
 - individual bale numbering and bale labels
 - property identification detail.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - equipment and materials appropriate for shearing sheep
- relationships:
 - wool harvesting staff
 - grower/manager.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Assessors must currently be registered with the Australian Wool Exchange as Australian Wool Classers.

Links

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