



Australian Government

AHCWOL309 Prepare wool based on its characteristics for classing

Release: 1

AHCWOL309 Prepare wool based on its characteristics for classing

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 prepare fleece wool for classing based on its characteristics.

This unit applies to individuals who work under broad direction and take responsibility for their own work, including limited responsibility for the work of others.

All work must be carried out to comply with the requirements of the industry code of practice, 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. Check fleece for impurities and relate to processor requirements	1.1 Identify characteristics of wool important in processing, and assess uniformity within the fleece 1.2 Identify natural impurities, vegetable matter (VM) types, mineral impurities and contamination of the wool and determine the portion of

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	fleece to be removed 1.3 Identify hairy breeches and cotted wool and determine the portion of fleece to be removed 1.4 Identify unscourable colour, water colour and dermatitis and handle as directed by the Wool Classer 1.5 Check work regularly with the Wool Classer and adjust procedures if required 1.6 Comply with WHS and biosecurity standards according to workplace requirements
2. Skirt and roll fleece	2.1 Skirt fleece to remove those portions determined above that adversely affect the uniformity and value of the remaining fleece 2.2 Prepare wool as directed by the Wool Classer 2.3 Assess necks and backs for soundness, dust and vegetable matter and handle as directed by the Wool Classer 2.4 Roll fleece and present to the Wool Classer 2.5 Place skirting in the nominated bins 2.6 Dispose of waste appropriately in line with workplace standards
3. Separate wools with characteristics outside the uniformity requirements of the industry code of practice	3.1 Make assessment of sheep breed and wool type 3.2 Separate wools into different lines based on visual quality count, length and strength, colour and character, and handle and style 3.3 Separate pigmented wool and wool that includes medullated fibres
4. Separate wool showing faults that impact on processing or fabric quality	4.1 Separate wool for dogginess that will impact on fabric quality 4.2 Separate cotted wool that will require extra processing 4.3 Identify and remove skin pieces 4.4 Check wool for dermatitis and keep separate 4.5 Identify and separate wool based on the level and type of vegetable matter contamination where it requires different processing 4.6 Identify mobs with high pigmented fibre risk and keep their wool completely separate from low-risk wool 4.7 Identify wool from sheep with shedding characteristics and keep completely separate from non-shedding white woolled sheep 4.8 Keep wool containing urine stain separate

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
5. Recognise impurities of greasy wool and their effect on processing and yield	5.1 Examine wool for natural impurities 5.2 Identify applied impurities and assess their effect on processing

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	Interpret Wool Classer's requirements and prepare wool and fleece accordingly
Oral communication	Use clear language and industry terminology to relay information pertaining to fleece and wool characteristics

Unit Mapping Information

Code and title current release	Code and title previous release	Comments	Equivalence status
AHCWOL309 Prepare wool based on its characteristics for classing	AHCWOL303 Prepare wool based on its characteristics	Merged with AHCWOL304 Prepare fleece wool for classing Changes to Application Utilises all Elements restructured and with wording clarified Foundation skills information added Performance evidence volume and frequency and added Performance evidence and	Not equivalent

		knowledge evidence regarding wool preparation are retained and clarified with changes to add specificity Assessment conditions clarified	
AHCWOL309 Prepare wool based on its characteristics for classing	AHCWOL304 Prepare fleece wool for classing	Merged with AHCWOL303 Prepare wool based on its characteristics Changes to Application Utilises all Elements restructured and with wording clarified Foundation skills information added Performance evidence volume and frequency and added Performance evidence and knowledge evidence regarding assessment of wool are retained and clarified with changes to add specificity Assessment conditions clarified	Not 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 AHCWOL309 Prepare wool based on its characteristics for classing

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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 prepared wool types to industry standards on their characteristics, including:

- checked fleece for impurities and recognised impurities of greasy wool and their effect on processing and yield on at least two occasions
- skirted and rolled fleece on at least one occasion
- separated wools with characteristics outside the uniformity requirements of the industry code of practice and wool showing faults that impact on processing or fabric quality on at least two occasions.

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:

- characteristics of the breeds of sheep
- inherent wool characteristics, including:
 - quality count
 - fibre diameter
 - length and strength
 - colour
 - yield
 - vegetable matter (VM) type
 - curvature
 - comfort factor
- oddments, including:
 - pieces
 - skirtings

- bellies
- locks
- crutchings
- wool faults and their impacts on processing, including:
 - impurities
 - yield of clean fibre after processing
 - contamination
 - urine stain
- techniques used to measure wool characteristics
- processing methods, including:
 - woollen
 - worsted
 - stages of processing
- wool growth
- skin and fibre biology
- the effect of genetics and environment on fibre characteristics
- requirements for handling shedding and pigmented fibres
- relevant aspects of the industry code of practice and other relevant quality standards that relate to preparing wool
- workplace health and safety (WHS) and biosecurity standards
- communication methods with wool harvesting staff conducive to teamwork.

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 wool classing
- relationships:
 - wool harvesting staff
- Wool Classer.

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.

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