Modification history

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

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| AHCWOL3X02 | Prepare wool based on its characteristics for classing |
| 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 Code of Practice for the Preparation of Australian Wool Clips, workplace procedures, workplace health and safety (WHS), animal welfare, biosecurity, and sustainability practices, according to state/territory health and safety 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 | Performance Criteria |
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| 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 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 stain 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 workplace health and safety (WHS) and biosecurity standards and work at a rate that is in line with workplace standards |
| 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 Double skirt fleece containing clumpy vegetable matter or prepare 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 Remove waste and dispose of appropriately in line with environmental implications |
| 3. Separate wools with characteristics outside the uniformity requirements of the Code of Practice | 3.1 Make assessment of sheep breed and wool type in consultation with wool harvesting staff  3.2 Separate wools into different lines based on fibre diameter, length and strength, colour and character and handle and style  3.3 Check staple formation and tip to ensure quality requirements are met  3.4 Separate pigmented wool and wool which includes medulated 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 kept 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 fleeces containing pigmented fibre in a white woolled flock separate  4.9 Keep wool containing stain separate |
| 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  5.3 Identify acquired impurities and assess their effect on processing and yield of clean fibre |
| 6. Complete classer’s report | 6.1 Document processes and wool characteristics in the wool classer’s report  6.2 Include traceability requirements and risk of exposure to shedding breeds on the wool classer's report |

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| 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 |
| Writing | * Complete documentation on wool characteristics using relevant vocabulary, grammatical structure and conventions appropriate to text and audience |
| Oral communication | * Use clear language and industry terminology to relay information pertaining to fleece and wool characteristics |
| Numeracy | * Estimate and apply time requirements to achieve the required output |

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| Unit Mapping Information | | | |
| Code and title current release | Code and title previous release | Comments | Equivalence status |
| AHCWOL3X02 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 and Knowledge Evidence regarding wool preparation are retained and clarified with changes to specify volume and frequency and add specificity  Assessment Conditions clarified | Not equivalent |
| AHCWOL3X02 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 and Knowledge Evidence regarding assessment of wool are retained and clarified with changes to specify volume and frequency and add specificity  Assessment Conditions clarified | Not equivalent |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet:  https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72 |
| TITLE | Assessment requirements for AHCWOL3X02 Prepare wool based on its characteristics for classing |
| 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 on their characteristics on at least two occasions to industry standards. | |

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| 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:   diameter  length and strength  colour  yield  vegetable matter (VM) type  curvature  comfort factor   * how these breed of sheep characteristics impact on processing and final wool product * features of fleece parts:   skirtings  locks  crutchings  wool faults and their impacts on processing  impurities  contamination and stain and their impact on processing  yield of clean fibre after processing   * techniques used to measure wool characteristics * processing methods:   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 Code of Practice for the Preparation of Australian Wool Clips and other relevant quality standards that relate to preparing wool, including:   specific and measurable requirements  appropriate and realistic specifications  timely reporting  documentation requirements   * bale traceability requirements, including:   farm of origin  industry Wool Classer Specification  individual bale numbering and bale labels  property identification detail   * workplace health and safety (WHS) and biosecurity standards * communication methods with wool harvesting staff conducive to teamwork. |

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| 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. |

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