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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| AHCSHG3X02 | Prepare combs and cutters for machine shearing |
| Application | This unit of competency describes the skills and knowledge required to prepare combs and cutters for machine shearing.  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. They use discretion and judgement in the selection and use of available resources.  All work must be carried out to comply with 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 | Shearing (SHG) |

| 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. Grind combs and cutters | 1.1 Check the grinder and its location for safety hazards and implement control measures according to workplace health and safety (WHS) and biosecurity standards  1.2 Communicate with wool harvesting team members to identify faulty components and determine level of repair or replacement requirements  1.3 Access appropriate personal protective equipment (PPE) and fit correctly  1.4 Operate grinder in a safe manner without risk of injury to operator or others or damage to equipment and in line with manufacturer specifications  1.5 Adjust pendulum pin settings, confirm set and pendulum bar is clean and check for level  1.6 Test grinding plates visually in terms of being balanced and true  1.7 Identify worn and incorrectly adhered papers and replace  1.8 Set grinder according to manufacturer specifications  1.9 Identify even wear of combs and cutters and sharpen combs and cutters in line with manufacturer specifications |
| 2. Dress combs | 2.1 Select bevel and modify appropriate to wool type  2.2 Determine factors affecting combs selection in terms of type of livestock and seasonal conditions  2.3 Dress comb teeth to uniform shape and length  2.4 Thin comb teeth uniformly along their length  2.5 Polish comb leaving no rough or sharp points |

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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 | * Access and interpret manufacturer specifications requirements to identify relevant information regarding combs and cutters for machine shearing |
| Oral communication | * Use clear language and industry terminology to relay information pertaining to the preparation of combs and cutters for machine shearing |

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| Unit Mapping Information | | | |
| Code and title current release | Code and title previous release | Comments | Equivalence status |
| AHCSHG3X02 Prepare combs and cutters for machine shearing | AHCSHG302 Prepare combs and cutters for machine shearing | Application wording clarified  Changes to Performance Criteria’s for clarification  Foundation Skills information added  Changes to Performance Evidence to specify volume and frequency  Knowledge Evidence, more specificity added and other wording clarification  Assessment Conditions clarified | 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> u |
| TITLE | Assessment requirements for AHCSHG3X02 Prepare combs and cutters for machine shearing |
| 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:   * determined the need for sharpening combs and cutters on two occasions * determined the need for dressing combs and cutters on two occasions * prepared the grinder and pendulum for use on one occasion * carried out grinding on one occasion * set, stored and cared for grinding papers on one occasion * dressed ten combs, including selecting bevels, teeth thinning and polishing. | |

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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:   * different types of combs and cutters * terminology, techniques and procedures for grinding combs and cutters * setting of, storage and caring for grinding papers * tools and equipment used in grinding combs, and cutters and dressing combs * workplace health and safety (WHS) and biosecurity legislation and codes of practice applying to the job role * personal protective equipment (PPE) and how and when it should be used * hazard identification and risk control regarding the use of combs, cutters and grinders * manufacturer specifications regarding cutters, combs and grinders. * teamwork principles:   working towards a common goal  communicating effectively and cooperatively  understanding the work responsibilities of teammates  respecting others needs  embracing diversity. |

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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:   combs and cutters for machine shearing  grinder  manufacturer specifications   * relationships:   wool harvesting team members.  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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