Modification history

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

|  |  |
| --- | --- |
| AHCSHG2X05 | Grind combs and cutters for machine shearing |
| Application | This unit of competency describes the skills and knowledge required to grind combs and cutters for machine shearing so that they are effective for the type of wool and shearing conditions.  This unit applies to individuals who work under general supervision and exercise limited autonomy with some accountability for their own work.  All work must be carried out to comply with workplace procedures and standards, health and safety regulations, animal welfare and biosecurity requirements and sustainability practices.  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 |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Determine need for sharpening combs and cutters | 1.1 Check combs and cutters for wear and report any issues found to overseer  1.2 Clean combs and cutters prior to grinding in line with workplace health and safety (WHS) and biosecurity standards  1.3 Communicate with wool harvesting team members to identify potential WHS hazards and report to overseer |
| 2. Prepare grinder and pendulum for use | 2.1 Check the grinder and its location for serviceability and safety report safety hazards to overseer  2.2 Identify grinder faults or malfunctions and report to overseer for repair or replacement  2.3 Apply grinding papers to grinder discs according to manufacturer specifications  2.4 Store and care for grinding papers in line with workplace procedures  2.5 Check, clean and adjust the bottom bar of the pendulum to ensure it is true  2.6 Confirm that the pressure bar and pins are set at the recommended distance according to manufacturer specifications2.7 Check the height setting of pendulum |
| 3. Carry out grinding | 3.1 Use appropriate eye personal protective equipment (PPE) while grinding  3.2 Secure comb or cutter for grinding according to manufacturer specifications3.3 Apply correct pressure while grinding in line with workplace standards  3.4 Grind combs and cutters as directed and according to WHS  3.5 Check combs and cutters visually for even grinding  3.6 Identify and rectify faults or unevenness in grinding  3.7 Ensure grinding wheel is not left running when unattended |

|  |  |
| --- | --- |
| 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 |
| Oral communication | * Use clear language and industry terminology to relay information pertaining to combs and cutters for machine shearing |

|  |  |  |  |
| --- | --- | --- | --- |
| Unit Mapping Information | | | |
| Code and title current release | Code and title previous release | Comments | Equivalence status |
| AHCSHG2X05 Grind combs and cutters for machine shearing | AHCSHG205 Grind 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 |

|  |  |
| --- | --- |
| 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 AHCSHG2X05 Grind 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 one occasion * prepared the grinder and pendulum on one occasion * grinded a minimum of five combs and five cutters for machine shearing to industry standards. | |

|  |
| --- |
| 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:   * 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 * workplace health and safety (WHS) standards, codes of practice and biosecurity policies applying to the job role * manufacturer specifications regarding the use of combs, cutters and grinders * personal protective equipment (PPE), and when and how it should be used * teamwork principles:   working towards a common goal  communicating effectively and cooperatively  respecting others needs  embracing diversity. |

|  |
| --- |
| 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   * relationships:   overseer  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. |

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