



Australian Government

AHCSHG216 Prepare handpieces and downtubes for machine shearing

Release: 1

AHCSHG216 Prepare handpieces and downtubes for machine shearing

Modification History

Not 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 handpieces and downtubes for machine shearing.

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, and biosecurity requirements and 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 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 combs and cutters for shearing	1.1 Select combs and cutters to suit fleece type and shearing conditions 1.2 Communicate with supervisor to check combs and cutters for serviceability and prepare according to workplace procedures and work health and safety (WHS) and biosecurity standards

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	1.3 Select and use appropriate personal protective equipment (PPE) 1.4 Identify comb and cutter faults or malfunctions and report for repair or replacement to appropriate person 1.5 Clean combs and cutters prior to sharpening 1.6 Change combs and cutters during the shearing operations to suit shearing conditions 1.7 Identify potential and existing hazards and report to supervisor
2. Prepare handpiece for shearing	2.1 Secure comb and cutter for shearing in line with manufacturer specifications 2.2 Lubricate handpiece prior to shearing in line with manufacturer specifications 2.3 Adjust tension to suit shearing conditions and preference of the shearer 2.4 Check handpiece for serviceability and prepare according to workplace procedures 2.5 Identify handpiece faults or malfunctions and report for repair or replacement to appropriate person
3. Prepare downtube for shearing	3.1 Check downtube is checked for serviceability and prepare according to workplace procedures 3.2. Identify downtube faults or malfunctions and report for repair or replacement to appropriate person 3.3 Adjust safety clutch and downtube in line with manufacturer specifications 3.4 Lubricate downtube prior to shearing in line with manufacturer specifications

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
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Oral communication	Use clear language and industry terminology to relay information pertaining to the preparation of handpieces and downtubes
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Unit Mapping Information

Code and title current release	Code and title previous release	Comments	Equivalence status
AHCSHG216 Prepare handpieces and downtubes for machine shearing	AHCSHG206 Prepare handpiece and downtube for machine shearing	Title updated 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 AHCSHG216 Prepare handpieces and downtubes for machine shearing

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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, lubricated and maintained five of each of the following on at least one model for shearing:
 - combs
 - cutters
 - handpieces
 - downtubes
- carried out minor maintenance or adjustments on handpieces and downtubes on 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:

- components of a shearing handpiece
- components of a downtube
- terminology for handpieces and downtubes
- maintenance and lubrication procedures for shearing equipment and handpieces
- types of combs and cutters to use under different conditions
- work health and safety (WHS) standards, codes of practice and biosecurity policies applying to the job role
- manufacturer specifications regarding the use and maintenance of combs, cutters, handpieces and downtubes
- personal protective equipment (PPE) and how and when it should be used.

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, cutters, handpieces and downtubes
- relationships:
 - supervisor.

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

Links

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