



Australian Government

AHCSHG309 Prepare combs and cutters for machine shearing

Release: 1

AHCSHG309 Prepare combs and cutters for machine shearing

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 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, according to state/territory health and safety regulations, legislation 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 and Performance Criteria

Elements	Performance Criteria
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 work health and safety (WHS) 1.2 Identify faulty components and determine level of repair or replacement requirements

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	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

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 specification 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

Unit Mapping Information

Code and title current release	Code and title previous release	Comments	Equivalence status
AHCSHG309 Prepare combs and cutters for machine shearing	AHCSHG302 Prepare combs and cutters for machine shearing	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 AHCSHG309 Prepare combs and cutters 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:

- 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.

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 of and caring for grinding papers
- tools and equipment used in grinding combs, and cutters and dressing combs
- work health and safety (WHS) 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.

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.

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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