



Australian Government

Department of Education, Employment and Workplace Relations

AHCSHG205A Grind combs and cutters for machine shearing

Release: 1

AHCSHG205A Grind combs and cutters for machine shearing

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the process of grinding combs and cutters for machine shearing to ensure they are effective in the type of wool and shearing conditions and defines the standard required to: determine need for sharpening combs and cutters; prepare grinder and pendulum for use; wash combs and cutters ready for grinding; carry out grinding using Personal Protective Equipment (PPE) and being mindful of others safety; detect faults and unevenness in grinding and make adjustments.
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Application of the Unit

Application of the unit	This unit applies to the processes involved with the grinding of combs and cutters for machine shearing and is usually conducted within established routines, methods and procedures.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
1. Determine need for sharpening combs and cutters	1.1.Combs and cutters are checked for wear in line with supervisor's instructions. 1.2.Combs and cutters are cleaned to enterprise and manufacturers recommendations prior to grinding. 1.3.Potential and existing hazards are recognised, controlled and reported in line with Occupational Health and Safety (OHS) and organisational requirements.
2. Prepare grinder and pendulum for use	2.1.The grinder and its location are checked for serviceability. 2.2.Grinder faults or malfunctions are identified and reported to supervisor for repair or replacement. 2.3.Grinding papers are applied to grinder discs. 2.4.Grinding papers are correctly stored and cared for. 2.5.The bottom bar of the pendulum is checked, cleaned and adjusted to ensure it is true. 2.6.The pressure bar and pins are set at the recommended distance in accordance with manufacturers guidelines. 2.7.Height setting of pendulum is checked in line to manufacturer's guidelines.
3. Carry out grinding	3.1.Eye protection is worn while grinding is carried out. 3.2.Comb or cutter is secured for grinding. 3.3.Correct pressure is applied while grinding. 3.4.Combs and cutters are ground according to manufacturer's specifications and/or supervisors instructions. 3.5.Combs and cutters are visually checked for even grinding. 3.6.Faults or unevenness in grinding are identified and rectified. 3.7.Grinding wheel is not left running when unattended.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

REQUIRED SKILLS AND KNOWLEDGE**Required skills**

- identify hazards and apply safe work practices
- determine need for sharpening combs and cutters
- prepare grinder and pendulum for use
- carryout grinding
- clearly report any OHS hazards to the appropriate person
- use literacy skills to follow sequenced written instructions and record information accurately and legibly
- use oral communication skills/language competence to fulfil the job role as specified by the organisation including questioning, active listening, asking for clarification and seeking advice from supervisor
- use numeracy skills to estimate, calculate and record routine workplace measures
- use interpersonal skills to relate to people from a range of social, cultural and ethnic backgrounds and with a range of physical and mental abilities.

Required knowledge

- 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
- OHS requirements for grinding combs and cutters.

Evidence Guide

EVIDENCE GUIDE	
The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.	
Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following: • determine need for sharpening combs and cutters • prepare grinder and pendulum for use • wash combs and cutters ready for grinding • carry out grinding using PPE and being mindful of others safety • detect faults and unevenness in grinding and make adjustments.
Context of and specific resources for assessment	Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

Range Statement

RANGE STATEMENT	
The range statement relates to the unit of competency as a whole.	
Combs and cutters may include:	• any of the brands or types of combs and cutters and grinding equipment.

Unit Sector(s)

Unit sector	Shearing
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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