



Australian Government

Department of Education, Employment and Workplace Relations

AHCSHG206A Prepare handpiece and downtube for machine shearing

Release: 1

AHCSHG206A Prepare handpiece and downtube for machine shearing

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the process of preparing handpieces for machine shearing and defines the standard required to: select and load comb and cutter for shearing; lubricate and maintain handpiece; lubricate downtube and check safety clutch; recognise and remedy or report any health and safety hazards; carry out minor maintenance on handpiece and downtube as required.
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Application of the Unit

Application of the unit	This unit applies to shearers, crutchers or the shed manager 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. Prepare combs and cutters for shearing	1.1.Combs and cutters are selected to suit fleece type and shearing conditions. 1.2.Combs and cutters are checked for serviceability and prepared in line with manufacturer's specifications and enterprise requirements. 1.3.Comb and cutter faults or malfunctions are identified and reported for repair or replacement in accordance with enterprise requirements. 1.4.Combs and cutters are cleaned prior to sharpening to enterprise requirements. 1.5.Combs and cutters are changed during the shearing operations to suit shearing conditions. 1.6.Potential and existing hazards are recognised, controlled and reported in line with Occupational Health and Safety (OHS) and organisational requirements.
2. Prepare handpiece for shearing	2.1.Comb and cutter are secured for shearing. 2.2.Handpiece is lubricated prior to shearing. 2.3.Tension is adjusted to suit shearing conditions and preference of the shearer. 2.4.Handpiece is checked for serviceability and prepared in line with manufacturer's specifications and enterprise requirements. 2.5.Handpiece faults or malfunctions are identified and reported for repair or replacement in line with enterprise requirements.
3. Prepare downtube for shearing	3.1.Downtube is checked for serviceability and prepared in line with manufacturer's specifications and enterprise requirements. 3.2.Downtube faults or malfunctions are identified and reported for repair or replacement in line with enterprise requirements. 3.3.Safety clutch is adjusted in line with manufacturer's specifications and enterprise requirements. 3.4.Downtube is adjusted in line with manufacturer's specifications and enterprise requirements. 3.5.Downtube is lubricated prior to shearing.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

Required skills

- identify hazards and implement safe operating procedures
- prepare combs, cutters, handpieces and downtubes for shearing
- lubricate and maintain handpiece and downtube
- carry out minor maintenance and repairs
- recognise and 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

- 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
- OHS policies and practices in the wool shed before and during shearing and crutching.

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: • select and load comb and cutter for shearing • lubricate and maintain handpiece • lubricate downtube and check safety clutch • recognise and remedy or report any health and safety hazards • carry out minor maintenance on handpiece and downtube as required.
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.	
Handpiece and downtube may include:	• the handpiece and downtube used in commercial shearing.
Handpiece and downtube excludes:	• drive gear or 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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