

PART A

RTE2302A Grind Combs and Cutters for Machine Shearing

Purpose

This competency standard covers the process of grinding combs and cutters for machine shearing to ensure they correctly cut the type and conditions of wool being removed from sheep. This work is undertaken under routine supervision and requires the ability to determine the need for sharpening combs and cutters, prepare grinder and pendulum for use, and carryout grinding. Grinding combs and cutters for machine shearing requires 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, and OHS policies and practices related to grinding of combs and cutters.

LEARNING OBJECTS	Level	Object No
RISK ASSESSMENT AND CONTROL IN THE SHEARING		
<i>Assessment Component</i>		
• Participate in a risk assessment and nominate risk controls for a specific task in the shearing shed.	2	5
<i>Underpinning Topics</i>		
• Discuss OHS legislation requirements in the shearing industry and outline OHS responsibilities of the employee in the shearing shed.		4
PRINCIPLES OF GRINDING		
<i>Assessment Component</i>		
• Describe the procedures, equipment and techniques required to grind to manufacturer's and industry standards.	2	12
<i>Underpinning Topics</i>		
PREPARATION FOR GRINDING		
<i>Assessment Component</i>		
• Set up a grinder to required industry standards.	2	13
<i>Underpinning Topics</i>		
• Describe the procedures, equipment and techniques required to grind to manufacturer's and industry standards.		12
PERFORM GRINDING PROCEDURES		
<i>Assessment Component</i>		
• Perform grinding operations to industry standards for optimum performance of shearing combs and cutters.	2	14
<i>Underpinning Topics</i>		
• Identify design features of combs and cutters, understand how various types and stages of wear suit different wool cutting conditions and check, clean and change combs and cutters.		11
• Describe the procedures, equipment and techniques required to grind to manufacturer's and industry standards.		12
• Set up a grinder to required industry standards.		13

PART B

RTE2302A Grind combs and cutters for machine shearing

This competency standard covers the process of grinding combs and cutters for machine shearing to ensure they correctly cut the type and conditions of wool being removed from sheep. It requires the ability to determine the need for sharpening combs and cutters, prepare the grinder and pendulum for use and carry out grinding

Trainee Name:	Signed:
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KNOWLEDGE REQUIREMENTS COMPLETED

<i>Learning Objects</i>	<i>Date</i>	<i>Trainer</i>
5 Risk assessment and control in the shearing shed		
12 Principles of grinding		
13 Preparation for grinding		
14 Perform grinding procedures		

PERFORMANCE REQUIREMENTS COMPLETED

<i>Learner can...</i>	<i>Date</i>	<i>Workplace Verification by...</i>
Determine need for sharpening combs and cutters <ul style="list-style-type: none"> • Check grinding needs for combs and cutters. • Clean combs and cutters for grinding. 		
Prepare grinder and pendulum for use <ul style="list-style-type: none"> • Check safe location of grinder and that grinder is secured. • Set emeries to disc. • Attach discs safely and securely to grinder. • Check grinder and pendulum for wear and faults. • Set pendulum for combs and cutters. • Ensure appropriate safety guards are installed and functional. 		
Carry out grinding <ul style="list-style-type: none"> • Use PPE and follow OHS procedures for grinding. • Check discs and emeries are secure. • Grind combs and cutters using correct techniques. • Identify combs and cutters not sharpened properly. 		

CONTEXT OF ASSESSMENT

<i>Shed details</i>				
Brand				
Address				
Number of stands		Sheep shorn per day		Number of shed staff

ASSESSMENT PROCESS

Essential Knowledge	
Skills application	
Contingency	

EVIDENCE SOURCES FOR ASSESSMENT

<input type="checkbox"/> Workplace observation	
<input type="checkbox"/> Written/ oral questioning	
<input type="checkbox"/> Practical skills test	
<input type="checkbox"/> Third party report	
<input type="checkbox"/> Project	
<input type="checkbox"/> Other	

WHO CONTRIBUTED TO EVIDENCE COLLECTION?

Name	
Address	
Industry role	
<input type="checkbox"/> Competent	
<input type="checkbox"/> Not yet competent	

Assessor		Signed			
RTO		Phone		Date	