

**PART A**

**RTE2310A Prepare Handpiece and Downtube for Machine Shearing**

**Purpose**

This competency standard covers the process of preparing handpieces for machine shearing. Work is likely to be under routine supervision and requires the ability to prepare combs, cutters and handpieces for shearing, lubricate and maintain handpiece and downtube, recognise and remedy health and safety hazards, carry out minor maintenance, and report any OHS hazards to the appropriate person. Preparing handpieces and downtubes for machine shearing requires knowledge of components of a shearing handpiece and downtube terminology and assembly procedures for handpieces, maintenance and lubrication procedures for shearing equipment and handpieces, types of combs and cutters to use under different conditions, and OHS policies and practices in the shearing shed.

<b>LEARNING OBJECTS</b>	<b>Level</b>	<b>Object No</b>
<b>RISK ASSESSMENT AND CONTROL IN THE SHEARING</b>		
<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
<b>HANDPIECE AND DOWNTUBE PREPARATION</b>		
<i>Assessment Component</i>		
• Load the handpiece and maintain and safely adjust the handpiece and downtube gear for optimum performance.	2	10
<i>Underpinning Topics</i>		
• Identify and prepare equipment and materials for shearing and crutching.		31
<b>COMB AND CUTTER PREPARATION</b>		
<i>Assessment Component</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.	2	11
<i>Underpinning Topics</i>		
• Load the handpiece and maintain and safely adjust the handpiece and downtube gear for optimum performance.		10
• Identify and prepare equipment and materials for shearing and crutching.		31



**PART B**

## RTE2310A Prepare handpiece and downtube for machine shearing

This competency standard covers the process of preparing handpieces for machine shearing. It requires the ability to prepare combs, cutters and handpieces for shearing, lubricate and maintain the handpiece and downtube and to recognise, report and control OHS hazards.

<b>Trainee Name:</b>	<b>Signed:</b>
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**KNOWLEDGE REQUIREMENTS COMPLETED**

<i>Learning Objects</i>	<i>Date</i>	<i>Trainer</i>
<b>5</b> Risk assessment and control in the shearing shed		
<b>10</b> Handpiece and downtube preparation		
<b>11</b> Comb and cutter preparation		

**PERFORMANCE REQUIREMENTS COMPLETED**

<i>Learner can...</i>	<i>Date</i>	<i>Workplace Verification by...</i>
<p><b>Prepare combs and cutters for shearing</b></p> <ul style="list-style-type: none"> <li>• Select suitable combination of combs and cutters for shearing conditions.</li> <li>• Maintain combs and cutters to optimise use.</li> <li>• Change combs and cutters safely.</li> </ul>		
<p><b>Prepare handpiece for shearing</b></p> <ul style="list-style-type: none"> <li>• Attach comb and cutter and make adjustments.</li> <li>• Lubricate handpiece.</li> <li>• Attach and engage/disengage handpiece.</li> <li>• Identify faults/malfunctions.</li> </ul>		
<p><b>Prepare downtube and short tube for shearing</b></p> <ul style="list-style-type: none"> <li>• Lubricate downtube and short tube.</li> <li>• Adjust tube length and check serviceability.</li> <li>• Check safety clutch operation.</li> </ul>		
<p><b>Undertake machinery risk assessment</b></p> <ul style="list-style-type: none"> <li>• Identify machinery hazards</li> <li>• Nominate and adopt risk controls and safe work practices associated with preparing:                             <ul style="list-style-type: none"> <li>• Combs and cutters for shearing</li> <li>• Handpiece for shearing</li> <li>• Downtube and short tube for shearing</li> </ul> </li> </ul>		

**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	