

<b>Object ID</b>	<b>13</b>
<b>Object Name</b>	<b>Preparation for Grinding</b>

**AQF Level**            2  
**Industry Sector**    Wool Harvesting  
**Category**             Shearing

UNDERPINNING TOPICS	OBJECT NO.
Describe the procedures, equipment and techniques required to grind to manufacturer's and industry standards.	<b>12</b>

ASSESSMENT TOOLS
<b>A</b> Parts of a grinder

ASSESSMENT COMPONENT	
Purpose	Set up a grinder to required industry standards.

ACTIVITIES	DETAILS
1. Check grinder for serviceability:	<ul style="list-style-type: none"> <li>• Grinder nuts are tight</li> <li>• Emeries are secure and have not lifted</li> <li>• Discs do not wobble</li> <li>• Boss is clean</li> <li>• Appropriate safety guards are installed</li> </ul>
2. Ensure location of grinder meets requirements:	<ul style="list-style-type: none"> <li>• Area is well lit</li> <li>• There is clear access to grinder for the user</li> <li>• There is restricted access for non-users</li> </ul>
3. Identify and report faults and malfunctions to the supervisor for:	<ul style="list-style-type: none"> <li>• Repair</li> <li>• Replacement</li> </ul>
4. Apply emeries to disc correctly:	<ul style="list-style-type: none"> <li>• Calculate required amounts of emery and glue</li> <li>• Check that disc is clean, dry and free from old glue</li> <li>• Spread glue onto disc evenly and sparingly</li> <li>• Clamp emery firmly and evenly into place</li> </ul>
5. Store emery and equipment correctly:	<ul style="list-style-type: none"> <li>• Store emeries in dry conditions</li> <li>• Use all the emery to sharpen tools</li> <li>• Avoid grinding in early mornings when atmosphere is moist</li> </ul>
6. Adjust pendulum for combs and cutters:	<ul style="list-style-type: none"> <li>• Check height setting</li> <li>• Check, clean and adjust pendulum bar to ensure it is level</li> <li>• Adjust and set pendulum pin settings</li> <li>• Test visually that grinding discs are balanced and true</li> <li>• Identify and replace worn and incorrectly adhered emeries</li> <li>• Set grinder adjustments</li> </ul>

ACTIVITIES	DETAILS
7. List insurance requirements where a shearer uses their own grinder in a shed	
8. All tasks must be completed observing requirements for safe work, quality assurance and animal welfare.	

COMPETENCIES	
RTE2302A	Grind Combs and Cutters for Machine Shearing