

ASSESSMENT TOOL

GOOD GRINDING PRINCIPLES

Competency	AHCSHG205A	Grind Combs and Cutters for Machine Shearing
-------------------	------------	--

Trainee Name		Date:	
---------------------	--	--------------	--

Below is a list of statements about grinding combs and cutters. Some are true and others are false. Decide which is which and write TRUE or FALSE in the column provided.

STATEMENT	TRUE OR FALSE
1. At the final stage of grinding combs and cutters, spark direction should be straight up the centre teeth of the comb or cutter.	
2. Cleaning combs and cutters before grinding is not necessary if you change the emeries every day.	
3. Once a grinder has been set up correctly there is no need to check the settings before grinding.	
4. Bright edges on combs and cutters indicate that the tools are not sharp.	
5. When face shields/goggles become scratched and dirty it is better to grind without them so that you can see if the combs are sharp.	
6. More pressure is required for grinding combs than cutters.	
7. Grinders are best placed in a dark corner to allow the sparks to be seen more easily.	
8. "Lopsided" grinding cannot be avoided unless the discs are changed to opposite sides of the grinder every time the emeries are changed.	
9. The adjustable pendulum pins should always be further away from the pendulum surface bar when grinding cutters than for combs.	
10. Personal portable grinders can be used anywhere in the shed without risk of liability as all sheds are covered under workers compensation	
11. Combs and cutters should be ground evenly rather than to the heel.	

STATEMENT	TRUE OR FALSE
1. At the final stage of grinding combs and cutters, spark direction should be straight up the centre teeth of the comb or cutter.	True
2. Cleaning combs and cutters before grinding is not necessary if you change the emeries every day.	False
3. Once a grinder has been set up correctly there is no need to check the settings before grinding.	False
4. Bright edges on combs and cutters indicate that the tools are not sharp.	True
5. When face shields/goggles become scratched and dirty it is better to grind without them so that you can see if the combs are sharp.	False
6. More pressure is required for grinding combs than cutters.	True
7. Grinders are best placed in a dark corner to allow the sparks to be seen more easily.	False
8. "Lopsided" grinding cannot be avoided unless the discs are changed to opposite sides of the grinder every time the emeries are changed.	False
9. The adjustable pendulum pins should always be further away from the pendulum surface bar when grinding cutters than for combs.	True
10. Personal portable grinders can be used anywhere in the shed without risk of liability as all sheds are covered under workers compensation	False
11. Combs and cutters should be ground evenly rather than to the heel.	True