

071906T4AEN

AGRICULTURAL ENGINEERING LEVEL 6

ENG/OS/AGR/CR/10/6/A

Operate Agricultural Harvesting Machinery and Equipment

March/April 2025



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

PRACTICAL ASSESSMENT

INSTRUCTIONS TO ASSESSOR

1. Assess the candidate as the practical progresses observing the critical areas
2. You are required to mark the practical as the candidate perform the tasks
3. You are required to take video clips at critical points
4. Ensure the candidate has a name tag and registration code at the back and front

OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessors Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be Evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	Marks Available	Marks Obtained	Comments
TASK 1: Identify, service and test a rectangular pick up hay baler for operation.			
1. Wore the appropriate PPE's (overall, safety boots). (Award 1 mark each or 0)	2		
2. Assembled the tools and materials required as per the task (Award 1 mark or 0)	1		
3. Identified the harvesting implement marked (Y) provided <ul style="list-style-type: none"> • <i>Named the implement</i> • <i>Stated the function</i> (Award 1 mark each or 0)	2		
4. Serviced the rectangular pick up hay baler. <ul style="list-style-type: none"> • <i>Tightened bolts and nuts</i> • <i>Identified points that require greasing</i> • <i>Greased the bearings</i> (Award 1 mark each or 0)	3		
5. Hitched the rectangular pick up hay baler to the tractor. <ul style="list-style-type: none"> • <i>Aligned the implement to the tractor P.T.O</i> • <i>Hitched the drawbar</i> • <i>Safely connected the P.T.O universal joint to the tractor P.T.O and baler shaft as per the manual</i> (Award 1 mark for aligning, 1 mark for draw bar and 2 marks for P.T.O or 0)	4		

6. Threaded the baler in line with the standard operating procedure. <ul style="list-style-type: none"> • <i>Threaded</i> • <i>Tensioned the thread.</i> (Award 2 marks each)	4		
7. Operated the implement in line with the standard operating procedure <ul style="list-style-type: none"> • <i>Started the tractor</i> • <i>Engaged P.T.O lever</i> • <i>Fed the hay into the platform</i> • <i>Formed the bale</i> • <i>Wrapped the bale</i> • <i>Eject the bale</i> (Award 2 marks each)	12		
8. Disengaged the P.T.O in line with the standard operating procedures. (Award 1 mark)	1		
9. Stopped the tractor in line with the standard operating procedure (Award 1 mark or 0)	1		
10. Inspected the rectangular pick up hay after use. (Award 1 mark or 0)	1		
11. Stored the rectangular pick up hay in line with the safety rules and regulations aligned to that machine. <ul style="list-style-type: none"> • <i>Taking the implement to the store</i> • <i>Choked the tractor</i> • <i>Detached the P.T.O</i> • <i>Detached the draw bar</i> (Award 1 mark or 0)	4		
12. Cleaned the implement, working area, tools and equipment in line with the safety rules and regulations aligned to that machine. (Award 1 mark each or 0)	3		
13. Adhered to safety. (Award 1 mark)	1		
14. Cleaned self (Award 1 mark)	1		

GRAND TOTAL	40		
ASSESSMENT OUTCOME			
<p>The candidate was found to be:</p> <p>Competent <input type="checkbox"/> Not yet Competent <input type="checkbox"/></p> <p><i>(Please tick as appropriate)</i></p> <p><i>(The candidate is competent if the candidate obtains at least 50%)</i></p>			
Feedback from the Candidate:			
Feedback to the Candidate:			
Candidate Signature		Date:	
_____		_____	
Assessor's Signature		Date	
_____		_____	