#### 071605T4AMEM

## AGRICULTURAL MACHINERY & EQUIPMENT MECHATRONICS LEVEL 5 ENG/0S/AME/CR/3/5/A

Maintain Agricultural Mechatronics Machinery and Equipment System Nov/Dec2024



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

### PRACTICAL ASSESSMENT

#### **OBSERVATION CHECKLIST**

Candidate's name & Registration Code			
Assessor's name & Registration Code			
Venue of Assessment			
Date of assessment			
Items to be evaluated: Please award marks as appropriate. Give a brief comment on your observation.	Marks available	Marks obtained	Comments
TASK 1: CARRY OUT GENERAL INSPECTION	ON AND	MAINTEN	NANCE PRACTICES
ON THE TRACTOR			
1. Wore PPEs	4		
• Helmet			
• Boot			
• Gloves			
<ul> <li>Overall</li> </ul>			

(award 1mark for each worn out PPEs or				
zero mark)				
2. Checked tyre pressure	1			
(award 1mark or zero)				
3. Checked engine oil leaks	1			
(award 1mark or zero)				
4. Checked coolant	1			
(award 1mark or zero)				
5. Checked engine overheating	1			
(award 1mark or zero)				
6. Checked worn out parts	1			
(award 1mark or zero)				
7. Tightened loose parts	1			
(award 1mark or zero)	.co,			
8. Checked battery terminals	1			
(award 1mark or zero)				
9. Checked hydraulic oil level and oil quality	1			
(award 1mark or zero)				
10. Checked fuel level	1			
(award 1mark or zero)				
11. Cranked the engine to confirmed	3			
functionality of different systems.				
• Brakes.				
Hydraulic				
• Lighting				
(award 1mark for each or zero)				
Sub-Total 1	16			
TASK 2: REPLACE WORN-OUT BE	ARING (	ON A DISC	C PLOUGH	_
12. Restrained the disc plough correctly using	2			
•			•	

4		
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· CO.		
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2		
5		
	2 3	2 3

reassembling			
<ul> <li>Applied fresh grease as per</li> </ul>			
manufacturer specification			
<ul> <li>Aligned and fitted all parts</li> </ul>			
<ul> <li>Reinstalled the bearing into its</li> </ul>			
housing			
<ul> <li>Secured the bearing and tightened</li> </ul>			
properly			
(award 1 mark for each			
or zero mark)			
19. Carried out final checks and adjustments			
Rotated the disc manually to ensure	3		
smooth operation.			
Checked unusual noise or resistance	.co.		
Secured all components properly			
(award 1 mark for each)			
Sub-Total 2	23		
GRAND TOTAL	39		
ASSESSMENT O	UTCOM	E	
The candidate was found to be:	NT .		
	Not yet co	mpetent	
(Please tick as appropriate)	. 7	<b>500</b> ()	
(The candidate is competent if the candidate obtain	s at least .	50%)	
Feedback from candidate:			
Foodback to condidate.			_
Feedback to candidate:			

Candidate's Signature	Date	
Assessor's Signature	Date	

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