

071906T4AEN

AGRICULTURAL ENGINEERING LEVEL 6

ENG/OS/AGR/CR/07/6/A

Apply Renewable Energy Technology in Agriculture

Nov/Dec 2024



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

PRACTICAL ASSESSMENT

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:			
1. Wore PPEs • Overall • Gum boots/ safety boots • Gloves (Award 1 mark each)	3		

2. Constructed structural framework. • Measured correctly • Appropriately used tools • Achieved proportionality <i>(Award 4 marks each)</i>	12		
3. Fixed the coffee tray wire mesh • Made correct measurements • Fixed the tray correctly • Fixed nails <i>(Award 1 mark each)</i>	3		
4. Fixed the bottom black polythene plastic • Measured the black polythene plastic sheet correctly • Precisely cut the sheet • Mounted the black polythene plastic on the frame bottom • Fixed tack nails to hold the polythene sheet <i>(Award 1 mark each)</i>	4		
5. Fixed the bottom plywood • Measured the plywood correctly • Precisely cut the plywood • Mounted the plywood on the frame bottom • Fixed nails to hold the plywood <i>(Award 1 mark each)</i>	4		
6. Fixed front and back sides • Correctly measured the plywood • Correctly cut the vents • Correctly made the access doors	12		

Correctly hinged the doors using nails <i>(Award 3 marks each)</i>			
7. Fixed side boards - Correctly measured the plywood - Correctly cut the plywood - Correctly fixed nails on the sideboards <i>(Award 2 marks each)</i>	6		
8. Fixed the top clear polythene plastic. - Measured the clear polythene plastic correctly - Precisely cut the sheet - Mounted the clear polythene plastic on the frame top - Fixed tack nails to hold the clear polythene plastic. <i>(Award 1 mark each)</i>	4		
9. Observed safety. <i>(Award 1 mark)</i>	1		
10. Managed wastes as per the workplace procedures <i>(Award 1 mark)</i>	1		
GRAND TOTAL	50		
ASSESSMENT OUTCOME			
The candidate was found to be: Competent ☐ Not yet Competent ☐ <i>(Please tick as appropriate)</i> <i>(The candidate is competent if the candidate obtains at least 50%)</i>			

Feedback from the Candidate:	
Feedback to the Candidate:	
Candidate Signature _____	Date: _____
Assessor's Signature _____	Date _____

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