

073203T4PLM

PLUMBER LEVEL 4

CON/OS/PL/CR/02/4/A

INSTALL RAINWATER HARVESTING SYSTEMS

NOV/DEC 2023



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

**PRACTICAL ASSESSMENT
ASSESSOR'S GUIDE**

INSTRUCTIONS TO THE ASSESSOR

1. You are required to mark the practical as the candidate performs the tasks.
2. You are required to take video clips at critical points.
3. Ensure the candidate has an identification tag pinned at the back and front near the shoulders showing Candidate's name and registration code.

**This practical assessment checklist consists of FOUR (4) printed pages.
Assessor should check to ascertain that all pages are printed as indicated and that no page
is missing.**

OBSERVATION CHECK LIST			
Candidate's name & Registration No.			
Assessor's name & Id code			
Unit(s) of Competency			
Venue of Assessment			
Date of assessment			
Items to be evaluated:	Marks allocated	Marks obtained	Comments
1. Interpreted working drawing based on technical drawings standards. <i>Award 2 marks for correct interpretation or zero</i>	2		
2. Identified symbols based on technical drawings standards. <i>Award 2 marks or zero</i>	2		
3. Identified reference points on the ground based on the site drawing. <i>Award 1 mark or zero</i>	1		
4. Identified required rainwater harvesting materials and supplies based on the working drawings and specifications. <i>Award 2 mark or zero.</i>	2		

5. Measured and counted materials and supplies required based on working drawings and specifications. <i>Award 4 marks or zero.</i>	4		
6. Created a schedule of materials based on the drawing. <i>Award 2 marks or zero.</i>	2		
7. Identified rainwater harvesting materials and supplies are based on the drawing <i>Award 4 marks or zero.</i>	4		
8. Took measurements and marked out is done based on the drawing <i>Award 5 marks or zero.</i>	5		
9. Cut material is based on drawings. <i>Award 3 marks or zero.</i>	4		
10. Jointed pieces based on specifications <i>Award 4 marks or zero.</i>	3		
11. Assembled pieces based on working drawing <i>Award 4 marks or zero.</i>	4		
12. Conducted water test is based on best practices. <i>Award 3 marks or zero.</i>	3		
13. Corrected faults in structure and functionality of rainwater	5		

harvesting system based on best practice. <i>Award 5 marks or zero.</i>			
14. Disposed of segregated wastes in line with environment protection guidelines. <i>Award 1 mark or zero.</i>	1		
15. Cleaned and stored tools and equipment as per manufacturers' instructions. <i>Award 2 marks or zero.</i>	2		
16. Stored surplus materials and supplies are as per manufacturers' instructions. <i>Award 1 mark or zero.</i>	1		
17. Observed safety and health practices based on OSHA <i>Award 1 mark or zero.</i>	1		
PRODUCT CHECKLIST			
18. Installed rain water goods based on working drawing • Plumbness. • Verticality. • Firm joints. • Accurate measurements <i>Award 1 mark for each point (1x4=4) or zero.</i>	4		
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 candidate 		
Candidate's signature 	Date 	
Assessor's signature 	Date 	