

073105T4PLM

PLUMBER LEVEL 5

CON/OS/PL/CR/03/5/A

INSTALL DRAINAGE SYSTEMS

July/August 2024



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

**PRACTICAL ASSESSMENT
ASSESSOR'S GUIDE**

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*

This guide consists of FOUR (4) printed pages.

**Assessor should check the guide to ascertain that all the pages are printed as indicated and
that no questions or answers are missing**

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
OBSERVATION CHECKLIST			
1. Donned PPEs (safety boots, helmet, and apron). <i>(Award one mark for any 2 of the above PPE donned as per workplace procedures (1x2) or zero)</i>	2		
2. Identified and assembled all tools and equipment based on the job requirements. <i>(Award 1 mark for assembling tool or zero)</i>	1		
3. Constructed the timber support based on the working drawings 750 x 750 mm top platform <i>(Award 2 marks or zero)</i> 1.0 M high support. <i>(Award 2 marks or zero)</i>	4		
4. Marked out pipe positions based on the working drawing. <i>(Award two mark or zero)</i>	2		
5. Laid pipes based on levels and plumbness <i>(Award three marks or zero)</i>	3		
6. Conducted functionality tests based on best practices <i>(Award three marks or zero)</i>	3		
7. Corrected faults in the system based on best practice. <i>(Award three marks or zero)</i>	3		
8. Used drainage tools and equipment based on manufacturer's instructions. <i>(Award one mark or zero)</i>	1		
9. Stored drainage tools and equipment based on work place policies.	1		

(Award one mark or zero)			
10. Conducted housekeeping based on workplace procedure. (Award two marks or zero)	2		
Sub-total	22		
PRODUCT CHECKLIST			
11. Firmly constructed timber support. 750x750mm - Support stands 1,000mm high. (Award 2 marks each (2x2=4) or zero)	4		
12. Firmly constructed timber support. (Award 3 marks or zero)	3		
13. Installed down pipe correctly on the wall. - Y junction connection. - Wall clips (Award 1 mark each or zero; (1x2=2) or 0)	2		
14. Plumbness of the installed down pipe. (Award 2 marks or zero)	2		
15. Correct downpipe measurements. 1,000mm 700mm 300mm (Award 2 marks each; (2x3=6) or zero)	6		
16. Coupled W.C correctly installed (Award 2 marks or zero)	2		
17. Correctly fitted fittings. - Y-Junction. - Magic bend. - Elbow. (Award 1 mark each; (1x3=3) or zero)	3		

18. Tight joints with no leakages. • Y-Junction. • Magic bend. • Elbow. <i>(Award 1 mark each or zero)</i>	3		
19. Completed Project <i>(Award 3 marks for 100% completion, 2 mark for 75% completion or zero below 75%)</i>	3		
Sub-total	28		
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 candidate:			
Feedback to candidate:			
Candidate's Signature		Date	
_____		_____	
Assessor's Signature		Date	
_____		_____	

THIS IS THE LAST PRINTED PAGE.