

073204T4PLM

PLUMBER LEVEL 4

CON/OS/PL/CR/03/4/A

INSTALL DRAINAGE SYSTEMS IN BUILDINGS

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 perform the tasks
2. You are required to take video clips at critical points
3. Ensure the candidate has a name tag and registration code at the back and front

This assessor guide contains FIVE (5) printed pages.

Check and ascertain that all the pages are printed and NO information is missing

OBSERVATION CHECKLIST

Candidate's Name			
Candidate's Registration Code			
Assessor's Name			
Assessor's 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
1. Used personal protective equipment in line with occupational safety and health requirements • Gloves • Goggles • Safety hat • Overall <i>(Award 1 mark for each PPE)</i>	3		
2. Interpreted the working drawing correctly <i>(Award 2 marks or zero)</i>	2		
3. Installed correctly pipework from rainwater goods or sanitary appliances. <i>(Award 2 marks for each connection)</i>	4		
4. Did pipe work as per work	8		

requirements • Measuring • Cutting • Bending • Jointing <i>(Award 2 marks for each task)</i>			
5. Constructed the inspection chamber correctly according to drawing. <i>(Award 6 marks or zero)</i>	6		
6. Appropriately Joined and fixed the pipe pieces to inspection chamber area <i>(Award 3 marks or zero)</i>	3		
7. Tested the functionality of the system based on manufacturers requirements • Minimal faults • Corrected any faults • Flow of water <i>(Award 4 marks –for no faults Or 2 marks for minimal faults) Award 1 mark for correcting the fault)</i>	4		
8. Used piping tools and equipment correctly based on the requirements of the job • Pipe wrench • Pipe threading equipment. • Pipe cutter.	6		

• Hacksaw. • Bench Vise • Files. • Steel rule. • Tap and punch • Masonry chisel • Screw drivers <i>(Award 1 mark each for at least 6 main equipment)</i>			
9. Cared and maintained piping tools and equipment based on manufacturers manual and workplace place policy <i>(Award 2 marks or zero)</i>	2		
10. Stored piping tools and equipment based on manufacturer's instructions. <i>(Award 2 marks or zero)</i>	2		
11. Proper waste disposal <i>(Award 1 mark or zero)</i>	1		
PRODUCT CHECKLIST			
	Marks allocated	Marks obtained	Comments
12. Connection of Pipes • Well jointed • Well fitted to the required appliances • Proper alignment of pipes <i>(Award 2 marks for each)</i>	6		

13. Well-functioning manhole • Connection • Flow • Correct slope <i>(Award 1 mark for each)</i>	3		
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 s/he gets at least 50%)</i>			
Feedback from candidate:			
Feedback to candidate:			
Candidate's Signature		Date	
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Assessor's Signature		Date	
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