

073203T4PLM

PLUMBING LEVEL 3

CON/OS/PL/CR/02/3/

Install Sanitary Appliances

July/ August 2025



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

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PRACTICAL ASSESSMENT

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

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: MEASURE, MARK, CUT PIPE AND ASSEMBLE TOOLS			
1. Used Personal Protective Equipment is in line with occupational safety and health requirement <ul style="list-style-type: none"> • Gloves • Apron/ Overall • Helmet • Safety boots <i>(Award 1 mark for each PPE; 3 x 1 = 3 Marks)</i>	3		
2. Identified bowl installation tools and equipment based on the requirement of the job. <i>(Award 1 mark for each; 4 x 1 = 4 Marks)</i>	3		
3. Used the tools according to job requirement. <i>(Award 1 mark for correct use of tool; 4 x 1 = 4 Marks)</i>	4		
Sub - total 1	10		

TASK 2: FIX WATER CISTERN			
4. Measured the position of the cistern according to the plumbing drawing. (200 + 550+ height of urinal + 600 + 400 + height of cistern) <i>(Award 6 marks for the correct position or zero; 6 x 1 = 6 Marks)</i>	6		
5. Fixed supply to water supply pipe in position. <i>(Award 2 mark for correct position or 1 mark for lower or higher position)</i>	2		
6. Fitted joints (Joints from the cistern to the union) <i>(Award ½ mark or zero;4 x 1 = 4 Marks)</i>	4		
7. Tightened the pipe that directs water to the cistern <i>(Award 2 marks for proper tightness, 1 mark for half tightness and zero for non-tightness)</i>	2		
Sub - total 2	14		
TASK 3: INSTALL BOWL URINAL			
8. Marked positions of bowl urinal accordingly. (750 from the ground) <i>(Award 2 marks or zero; 2 x 1 = 2 Marks)</i>	2		
9. Fitted correctly the PVC pipes (550, 600, 200) <i>(Award 1 marks or zero each; 3 x 1= 3 Marks)</i>	3		
10. Positioned elbows at the correct position and with the required measurement. <i>(Award 2 marks or zero; 2 x 1 = 2 Marks)</i>	2		
11. Joined PVC pipe to the bowl urinal	3		

correctly and according to the drawing <i>(Award 3 marks or zero; 3 x 1 = 2 Marks)</i>			
12. Fixed the bowl urinal in the correct position and horizontally. <i>(Award 4 marks for correct position or 2 marks for error of +/-5 or zero)</i>	4		
Sub – total 3	14		

PRODUCT CHECKLIST

TASK 4: TEST THE FUNCTIONALITY

13. Conducted functionality test of the bowl urinal with water <i>(Award 1 marks or zero)</i>	1		
14. Tested for joint leakages <i>(Award 1 mark or zero for each joint;8 x 1 = 8 Marks)</i>	8		
15. Completion <i>75% complete award 3 marks</i> <i>50% complete award 2 marks</i> <i>Less than 50% complete award 1 mark</i>	3		
Sub – total 4	12		
GRAND TOTAL	50		

ASSESSMENT OUTCOME

The candidate was found to be:

Competent Not yet Competent

(Please tick as appropriate)

(The candidate is competent if the candidate obtains at least 50%)

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

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