

073203T4PLM

PLUMBING LEVEL 3

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

Install Sanitary Appliances

March/April 2025



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

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
TASKS			
1. Used personal protective equipment in line with occupational safety and health regulations. <ul style="list-style-type: none"> Dustcover/overall. Safety boots. <i>(Award 1 mark each or zero)</i>		2	
2. Interpreted manufacturers' drawing of a urinal bowl and a cistern as presented. <i>(Award 2 marks each or zero)</i>		2	
3. Selected tools and equipment needed for fixing urinal bowl and a cistern. <i>(Award 1 mark or zero)</i>		1	
4. Assembled urinal bowl and a cistern. <i>(Award 2 marks or zero)</i>		2	
5. Identified appliances (urinal bowl and a cistern) required for fixing based on requirements of the job. <i>(Award 2 mark each or zero)</i>		2	
6. Identified supplies required for fixing based on manufacturers' instructions. <i>(Award 1 mark each or zero)</i>		1	
7. Connected supply pipes as per manufacturers' instructions <ul style="list-style-type: none"> Flexible tube. ½" PPR water supply pipe. <i>(Award 1.5 marks each or zero)</i>		3	
8. Determined appliance positioning based on working drawings.		2	

<ul style="list-style-type: none"> • Cistern. • Urinal bowl <p><i>(Award 1 mark each or zero)</i></p>			
<p>9. Put in place support for sanitary appliances based on manufacturers' specifications</p> <ul style="list-style-type: none"> • Cistern. • Urinal bowl <p><i>(Award 1 mark each or zero)</i></p>	2		
<p>10. Mounted sanitary appliances based on manufacturer's installation manual.</p> <ul style="list-style-type: none"> • Overhead cistern • Urinal bowl <p><i>(Award 2 marks each or zero)</i></p>	4		
<p>11. Did quality checks and parameters in accordance to industry standards.</p> <ul style="list-style-type: none"> • Proper attachment of water inlet. • Waste pipe connection. <p><i>(Award 2 marks each or zero)</i></p>	4		
<p>12. Tested functionality of the appliance based on manufacturer's manual and requirements.</p> <ul style="list-style-type: none"> • Flush test. • Static leak test <p><i>(Award 3 marks each or zero)</i></p>	6		
<p>13. Identified and corrected faults in appliance's functionality and leakage based on manufacturers' procedures.</p> <p><i>(Award 2 marks or zero)</i></p>	2		
Sub-Total 1	33		
PRODUCT CHECKLIST.			
<p>14. Properly aligned and levelled urinal system.</p> <ul style="list-style-type: none"> • Plumbness of waste pipe. • Levelness of the cistern. • Levelness of the urinal. <p><i>(Award 1mark each or zero)</i></p>	3		
<p>15. Firmly secured mounting and structural integrity.</p> <ul style="list-style-type: none"> • Cistern mounting. 	6		

<ul style="list-style-type: none"> • Urinal mounting. • Flush outlet pipe <p><i>(Award 2 marks each or zero)</i></p>			
<p>16. Leak- free water and waste connections.</p> <p><i>(Award 2 marks or zero)</i></p>	2		
<p>17. Functional flush mechanism.</p> <p><i>(Award 3 marks or zero)</i></p>	3		
<p>18. Clean and professional finish with no surface scratch marks.</p> <p><i>(Award 3 marks or zero)</i></p>	3		
Sub-Total 2	17		
GRAND TOTAL	50		
ASSESSMENT OUTCOME			
<p>The candidate was found to be:</p> <p style="text-align: center;">Competent <input type="checkbox"/> Not yet Competent <input type="checkbox"/></p> <p><i>(Please tick as appropriate)</i></p> <p><i>(The candidate is competent if the candidate obtains at least 50%)</i></p>			
Feedback from the Candidate:			
Feedback to the Candidate:			
Candidate Signature		Date:	
_____		_____	
Assessor's Signature		Date	
_____		_____	