

**073203T4PLM**

**PLUMBER LEVEL 3**

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

**INSTALL SANITARY APPLIANCES**

**NOV/DEC 2023**



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

**PRACTICAL ASSESSMENT**

**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 assessors guide has 4 printed pages*

## OBSERVATION CHECKLIST

<b>Candidate's name &amp; Registration Code</b>			
<b>Assessor's name &amp; Registration Code</b>			
<b>Venue of Assessment</b>			
<b>Date of assessment</b>			
<b>Items to be evaluated:</b> <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	<b>Marks available</b>	<b>Marks obtained</b>	<b>Comments</b>
<b>TASK 1: SAFETY CHECK</b>			
1. Used personal protective equipment in line with occupation safety and health regulations. <ul style="list-style-type: none"> <li>• Overall</li> <li>• Helmet</li> <li>• Gloves</li> <li>• Safety boots</li> </ul> <i>(Award ½ a mark for each PPE worn as per workplace procedures or zero)</i>	<b>2</b>		
2. Interpreted working drawing based on technical drawings standards. <i>(Award 1 mark or zero)</i>	<b>1</b>		
3. Identified symbols based on technical drawing standards. <i>(Award 1 mark or zero)</i>	<b>1</b>		
4. Identified sanitary appliances based on the drawing. <i>(Award 1 mark or zero)</i>	<b>1</b>		
5. Identified and interpreted assembling of sanitary appliances as per manufacturers' drawing. <i>(Award 2 marks or zero)</i>	<b>2</b>		
6. Identified materials required for fixing based on requirements of the job.	<b>1</b>		

<i>(Award 1 mark or zero)</i>			
<p>7. Identified supplies required for fixing based on the drawings.</p> <ul style="list-style-type: none"> <li>• Kitchen sink and its function.</li> <li>• Valve and its function.</li> <li>• Type of tap used and its function.</li> <li>• Bottle trap and its function</li> </ul>	<b>8</b>		
<i>(Award 2 marks each or zero)</i>			
<p>8. Measured and counted materials and supplies required based on working drawings and specifications.</p>	<b>2</b>		
<i>(Award 2 marks or zero)</i>			
<p>9. Prepared schedule of sanitary appliances based on the drawing.</p> <ul style="list-style-type: none"> <li>• Identified all tools required.</li> <li>• Identified the appliance to be installed as per the drawing.</li> <li>• Identified all fittings required.</li> </ul>	<b>6</b>		
<i>(Award 2 marks each or zero)</i>			
<p>10. Used tools and equipment based best practices</p> <ul style="list-style-type: none"> <li>• Measuring tools.</li> <li>• Cutting tools.</li> <li>• Joining tools</li> </ul>	<b>3</b>		
<i>(Award 1 mark for all tools category correctly identified and used or zero)</i>			
<p>11. Cleaned and stored tools and equipment as per manufacturers' instructions.</p>	<b>1</b>		
<i>(Award 1 mark or zero)</i>			
<p>12. Proper waste disposal</p>	<b>2</b>		
<i>(Award 2 marks or zero)</i>			
<b>PRODUCT CHECKLIST</b>			
<p>13. Put in place support for sanitary appliance based on manufacturers' instructions.</p>	<b>2</b>		

<i>(Award 2 marks or zero)</i>			
<p>14. Did parameters check in accordance to industry standards.</p> <ul style="list-style-type: none"> <li>• Fittings sizes provided.</li> <li>• Pipe sizes provided.</li> <li>• Checked the measurements of cut pipes.</li> <li>• Tap and valve sizes.</li> </ul> <p><i>(Award ½ a mark for each parameter or zero)</i></p>	<b>2</b>		
<p>15. Mounted sanitary appliances based on best practices.</p> <ul style="list-style-type: none"> <li>• Correct height positioning of the sink.</li> <li>• Levelness of the sink.</li> <li>• Correct sink accessories assembled i.e., bottle trap.</li> <li>• Correct pipe fittings assembled i.e., elbows, valve and tap.</li> </ul> <p><i>(Award 2 marks for each point or zero)</i></p>	<b>8</b>		
<p>16. Tested functionality of the appliance and corrected the faults based on best practices.</p> <ul style="list-style-type: none"> <li>• Testing the functionality.</li> <li>• Identified faults.</li> <li>• Quantified materials to correct faults.</li> <li>• Corrected faults.</li> </ul> <p><i>(Award 2 marks each or zero)</i></p>	<b>8</b>		
<b>Total</b>	<b>50</b>		
<b>ASSESSMENT OUTCOME</b>			
<b>The candidate was found to be:</b>			

Competent  Not yet competent

*(Please tick as appropriate)*

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

**Feedback from candidate:**

**Feedback to candidate:**

**Candidate's Signature**

**Date**

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**Assessor's Signature**

**Date**

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