

**073206T4BLD**

**BUILDING TECHNICIAN LEVEL 6**

**CON/OS/BUT/CR/09/6**

**Install Building Services**

**July/August 2025**



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

**PRACTICAL ASSESSMENT**

**INSTRUCTIONS TO THE ASSESSOR**

1. Assess the candidate as the practical progresses observing the critical areas
2. You are required to mark the practical as the candidate performs 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

<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: Install the plumbing system as per the working drawing provided</b>			
1. Wore safety clothing <ul style="list-style-type: none"> <li>• Safety boots</li> <li>• Apron</li> <li>• Helmet</li> </ul> <i>(Award 1 mark or zero for each PPE)</i>	3		
2. Assembled all the fittings as per working the drawing <i>(Award 2 marks or zero)</i>	2		
3. Used correct pipe material <ul style="list-style-type: none"> <li>• 1/2" PPR</li> <li>• GI</li> </ul> <i>(Award 1 mark or zero for each)</i>	2		
4. Maintained proper pipe diameter (1/2") throughout the system <i>(Award 2 mark or zero)</i>	2		

5. Aligned and supported pipes accurately <ul style="list-style-type: none"> <li>• Alignment</li> <li>• Support</li> </ul> <i>(Award 2 marks or zero for each)</i>	4		
6. Measured and matched pipe lengths to the drawing <ul style="list-style-type: none"> <li>• 900mm</li> <li>• 500mm</li> <li>• 450mm</li> <li>• 600mm</li> <li>• 900mm</li> </ul> <i>(Award 1 mark or zero for each)</i>	5		
7. Connected and fixed fittings <ul style="list-style-type: none"> <li>• Gate valve</li> <li>• Shower head</li> <li>• Tap</li> </ul> <i>(Award 2 marks or zero for each)</i>	6		
8. Secured joints with no leaks <i>(Award 1 mark or zero for each joint)</i>	4		
9. Cleaned pipe ends before and after joining <i>(Award 2 marks or zero)</i>	2		
<b>Sub-Total 1</b>	<b>30</b>		
<b>PRODUCT CHECKLIST</b>			
10. Fittings -Tight and sealed			

<ul style="list-style-type: none"> <li>• Elbow</li> <li>• Union</li> <li>• Gate Valve</li> <li>• Tee</li> </ul> <p><i>(Award 2 marks or zero for each)</i></p>	8		
<p>11. Appearance</p> <ul style="list-style-type: none"> <li>• Smooth joints</li> <li>• Clean edges</li> </ul> <p><i>(Award 2 marks or zero for each)</i></p>	4		
<p>12. Testing</p> <ul style="list-style-type: none"> <li>• Checked for leaks or faulty joints</li> <li>• Monitored pressure</li> </ul> <p><i>(Award 2 marks for each)</i></p>	4		
<p>13. Completeness</p> <ul style="list-style-type: none"> <li>• 100%-4</li> <li>• 75%-3</li> <li>• 50%-2</li> <li>• Less than 25% -0</li> </ul>	4		
<b>Sub-Total 2</b>	<b>20</b>		
<b>GRAND TOTAL</b>	<b>50</b>		
<b>ASSESSMENT OUTCOME</b>			
<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>			
<b>Feedback from the Candidate:</b>			

<b>Feedback to the Candidate:</b>	
<b>Candidate Signature</b>	<b>Date:</b>
_____	_____
<b>Assessor's Signature</b>	<b>Date</b>
_____	_____

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