

**073204T4PLM**

**PLUMBING LEVEL 4**

**CON/OS/PL/CR/05/4**

**Install Water Storage Systems and Ancillary Appliances**

**July/August 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

<b>Candidate's Name &amp; Registration Code</b>			
<b>Assessors 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>
1. Wore PPE for the task. <ul style="list-style-type: none"> <li>Safety helmet</li> <li>Overall/dust coat</li> <li>safety boots).</li> </ul>	1 1 1		
<b>TASK 1: Install Water Storage tanks system and pipes</b>			
2. Interpreted working drawing correctly. <ul style="list-style-type: none"> <li>Prepared the area</li> </ul>	1		
3. Assembled tools and equipment for the task. <ul style="list-style-type: none"> <li>Die Stock</li> <li>Hacksaw</li> <li>pipe wrench</li> </ul>	1 1 1		
4. Identified materials for the task <ul style="list-style-type: none"> <li>pipes,</li> <li>fittings</li> <li>Gate valve</li> <li>Tank</li> </ul>	1 1 1 1		
5. Measured, cut, and welded the P.P.R fittings to the pipes <ul style="list-style-type: none"> <li>1800mm</li> <li>400mm</li> <li>500mm</li> </ul>	1 1 1		

6. Measured, cut, the G.1 pipes <ul style="list-style-type: none"> <li>• 300mm</li> <li>• 300mm</li> <li>• 500mm</li> </ul>	2 2 2		
7. Threaded the G.1 pipes <i>Thread Exposer 2-3 threads</i> <i>Award 6x 1 mark each</i>	6		
8. Removed Deburr and Cleaned Edges: <i>Award 6 x 1mark</i>	3		
9. Installed the storage tank correctly on the stand	2		
10. Correctly positioned the pipes from the storage tank to the outlet Plumbness	2		
11. Fixed the water tank components appropriately <ul style="list-style-type: none"> <li>• float valve</li> <li>• Gate valve</li> </ul>	2 2		
12. Tested storage tank leakages, joint firmness and pressure. <ul style="list-style-type: none"> <li>• Water test</li> </ul>	1		
13. Cleaned and stored tools and equipment	2		
14. Completion <i>(Award 4 marks for 100% completion, 2 marks for 75% completion, or zero)</i>	4		
<b>Total marks</b>	44		

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%)*

<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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