

**073204T4PLM**

**PLUMBING LEVEL 4**

**CON/OS/PL/CR/01/4**

**Install Water Pipes and Ancillary Appliances**

**July/August 2025**



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

*easyvet.com*

**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. Used personal Protective Equipment <ul style="list-style-type: none"> <li>• Apron</li> <li>• Helmet</li> </ul> Safety boots	1 1 1		
<b>TASK 1: Install the Water Pipe System</b>			
2. Interpreted working drawings <ul style="list-style-type: none"> <li>• Plan the Layout</li> </ul>	1		
3. Identified materials for the task <ul style="list-style-type: none"> <li>• pipes,</li> <li>• fittings</li> </ul>	1 1		
4. Identified Tools and equipment for the task. <ul style="list-style-type: none"> <li>• Hacksaw/pipe cutter</li> <li>• Tape measure</li> <li>• Pipe wrench</li> </ul>	1 1 1		
5. Measured, cut, and welded the P.P.R fittings to the pipes. 250 mm 300 mm 350 mm <i>Award 3 x 1 mark each</i>	1 1 1		
6. Measured, cut, threaded the G.1 pipes <i>Thread Exposer 2-3 threads</i> <i>Award 12x 1 mark each</i>	12		
7. Removed Deburr and Cleaned Edges: <i>Award 12 x 1mark</i>			

	<b>12</b>		
<b>8. Angle 45°</b> 9. Smooth 10. No collapse  <i>Award each 2 mark each</i>	<b>6</b>		
11. Marked the positions of fittings and joined the pipework	<b>4</b>		
12. General appearance of the project <i>75 %and above</i> 50% complete Below 50%	<b>3</b>  <b>2</b>  <b>0</b>		
<b>13. Cleaned the workshop/site and disposed the waste</b>	<b>2</b>		
<b>Subtotal</b>	<b>2</b>		
<b>GRAND TOTAL</b>	<b>50</b>		
<b>ASSESSMENT OUTCOME</b>			
The candidate was found to be:  Competent <input type="checkbox"/> Not yet Competent <input type="checkbox"/> (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>	
_____		_____	