

073203T4PLM

PLUMBING LEVEL 3

COS/OS/PL/CR/04/3/A

Maintain Plumbing Systems

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	Comments
TASK 1:			
1. Listed possible causes of the plumbing faults. <i>(Award 1 mark or zero)</i>	1		
2. Identified most likely cause of the plumbing fault by elimination. <i>(Award 1 mark or zero)</i>	1		
3. Identifies solution for the fault based on best practice. <i>(Award 1 mark or zero)</i>	1		
Sub-Total 1	3		
TASK 2:			
4. Identified materials required for plumbing fault repair based on requirements of the job. <i>(Award 1 mark or zero)</i>	1		
5. Identified supplies required for plumbing fault repair based on requirements of the job. <i>(Award 1 mark or zero)</i>	1		
6. Identified appliances or the accessories that need repair/replacement:	3		

<ul style="list-style-type: none"> • Cistern • Urinal bowl • Pipe • fittings • Accessories <p><i>(Award 1 mark each for any 3 or zero)</i></p>			
<p>7. Used tools and equipment correctly for the job.</p> <ul style="list-style-type: none"> • Pipe wrench • Pipe cutter • Hacksaw • Screwdrivers <p><i>(Award 1 mark each for any 3 tools used correctly or zero)</i></p>	3		
<p>8. Dis-assembled faulty areas as per standard operating procedure.</p> <ul style="list-style-type: none"> • Appliances • Fittings • Connections <p><i>(Award 1 mark for any 3 areas dis-assembled or zero)</i></p>	3		
<p>9. Repaired faults based on building's pre-existing standards.</p> <ul style="list-style-type: none"> • Leaks • Poor flushing • Overflowing • Loose pipe connections • Constant running water <p><i>(Award 1 mark each for any 4 or zero)</i></p>	4		

10. Tested functionality of the plumbing for any faults. <i>(Award 1 mark or zero)</i>	1		
11. Returned repair work area to initial condition as per workplace policy. <ul style="list-style-type: none"> • Clearing working area • Storing surplus materials • Proper storage of tools <i>(Award 1 mark each or zero)</i>	3		
12. Used Personal Protective Equipment in line with occupational safety and health regulations. <ul style="list-style-type: none"> • Safety boots • Overall • Gloves <i>(Award 1 mark each or zero)</i>	3		
Sub-Total 2	22		
PRODUCT CHECKLIST			
13. No leakage in the plumbing systems joints: <ul style="list-style-type: none"> • Flexible tube • Cistern • Flush pipe and spreader • Sanitary tee and plug • Elbows • waste pipe connection <i>(Award 2 marks each or zero)</i>	2 2 2 2 2 2		
14. Fully functional plumbing system. <i>(Award 1 mark or zero)</i>	1		
Sub-Total	13		

GRAND TOTAL	38		
ASSESSMENT OUTCOME			
<p>The candidate was found to be:</p> <p style="text-align: center;"> Competent <input style="width: 50px; height: 20px; border: 1px solid black;" type="checkbox"/> Not yet Competent <input style="width: 50px; height: 20px; border: 1px solid black;" 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	
_____		_____	