

073204T4PLM

PLUMBING LEVEL 4

CON/OS/PL/CR/06/4/A

Maintain Plumbing Systems

Nov/Dec 2024



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

PRACTICAL ASSESSMENT

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. Used personal Protective Equipment in line with occupational safety and health regulations. - Overall. - Safety boots	2		

(Award 2 marks for donning ALL the above PPEs or zero)			
2. Marked out pipe positions based on the working drawings Threaded the joints appropriately and left 2-3 threads exposed (Award 4 mark or zero)	4		
3. Assembled pipes based on levels and plumpness. (Award 2 marks or zero)	2		
4. Installed kitchen sink, sink strainer, bottle trap and observed levelness of the sink. (Award 1 mark each or zero)	4		
5. Connected/fixed bib tap as per the SOPs (Award 2 marks or zero)	2		
6. Conducted functionality test based on the best practices and identified faults in plumbing systems based on functionality. (Award 1 mark or zero)	1		
7. Identified appliances that need replacement based on the requirements of the job. (Award 2 marks or zero)	2		
8. Identified materials and supplies required for plumbing fault repair based on requirements of the job. (Award 1 mark or zero)	1		
9. Closed/isolated affected areas based on best practice (Award 1 mark or zero)	1		

10. Dis-assembled faulty area as per standard operating procedure. (Award 1 mark or zero)	1		
11. Repaired fault based on specifications and working drawings. (Award 3 marks or zero)	3		
12. Tested functionality of the plumbing system based on expected outcome. (Award 2 marks or zero)	2		
13. Returned repair work area to initial condition as per workplace policy (Award 3 marks or zero)	3		
14. Reinstated normal supply as per the design. (Award 1 mark or zero)	1		
15. Segregated and disposed of wastes in line with environment protection guidelines. (Award 2 marks or zero)	2		
PRODUCT CHECKLIST			
16. Correct measurements of the installed pipe work are as per the working drawing • 300 mm • 450 mm x 5 (Award 1 mark for each or zero)	1 5		
17. Installed kitchen sink and bottle trap correctly with levelness of the sink observed. (Award 2 marks or zero)	2		
18. Correctly fitted fittings. (Elbows, Socket, Union) (Award 3 marks or zero)	3		
19. Tight joints with no leakages at Elbow, Socket, Union	6		

(Award 1 mark each for Elbows; $1 \times 4 = 4$, 1 mark each for Socket and Union respectively = 2 or zero)			
20. Completed project. (Award 2 marks if 76% and above complete, or award 0 mark if less than 75% complete)	2		
GRAND TOTAL	50		
ASSESSMENT OUTCOME			
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%)			
Feedback from the Candidate:			
Feedback to the Candidate:			
Candidate Signature		Date:	
_____		_____	
Assessor's Signature		Date	
_____		_____	

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