

073204T4PLM

PLUMBER LEVEL 4

CON/OS/PL/CR/03/4

Install Drainage Systems

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

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
1. Used personal protective equipment <ul style="list-style-type: none"> • Safety boot • Helmet • Gloves • Dustcoat 	1 1 1 1		
TASK 1: CONSTRUCT THE MANHOLE			
2. Identified site and cleared the working area <ul style="list-style-type: none"> • Removed unwanted materials 	1		
3. Identified tools correctly <ul style="list-style-type: none"> • plumb bob • Spirit level • Trowel • Tape measure • Wood float 	1 1 1 1 1		
4. Identified appropriate material for manhole construction. <ul style="list-style-type: none"> • sand • lime • blocks 	1 1 1		
5. Mixed the mortar correctly. <ul style="list-style-type: none"> • Two to three times 	1		
6. Constructed the inspection manhole			

correctly according to the drawing.	2		
• 750mm	2		
• 680mm	2		
• 660mm	2		
• 750mm	2		
• 20mm	2		
• 10mm	2		
7. Fixed pipe pieces correctly to the manhole	4		
• Inlet (2x2)	2		
• outlet			
8. Benched the manhole correctly			
• Three sides of a manhole(3x1)	3		
9. Plastered correctly	2		
• Smoothness	2		
• Plumbness	2		
• Squareness	2		
10. Used tools and equipment correctly	1		
• plumb bob	1		
• Spirit level	1		
• Trowel	1		
• Tape measure	1		
• Wood float			
11. Tested the functionality of the manhole, with correct flow and slope			
• Water test	1		
12. Disposed waste properly	1		
13. Completeness of the project	2		
• 100 % complete 2mark			
• below 100% 0 mark			
Sub-Total 2	3		
GRAND TOTAL	50		

ASSESSMENT OUTCOME	
The candidate was found to be:	
Competent <input type="checkbox"/>	Not yet Competent <input type="checkbox"/>
<i>(Please tick as appropriate)</i>	
<i>(The candidate is competent if the candidate obtains at least 50%)</i>	
Feedback from the Candidate:	
Feedback to the Candidate:	
Candidate Signature	Date:
_____	_____
Assessor's Signature	Date
_____	_____

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