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073204T4PLM

PLUMBING LEVEL 4

CON/OS/PL/CR/03/4/A

Install Drainage Systems In Buildings

March/ April 2025

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

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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: *Please award marks as appropriate. Give a brief comment on your observation.*	**Marks Available**	**Marks Obtained**	**Comments**
TASK 1:			
1. Used personal protective equipment • Safety boot • Helmet • Gloves • Dustcoat ***(Award 1 mark or zero for each PPE used maximum 4 marks)***	**4**		
2. Interpreted working drawings provided ***(Award 2marks or zero)***	**2**		
3. Identified tools plumb bob Spirit level Trowel Tape measure ***(Award 1/2 mark or zero for each tool used maximum 2 marks)***	**2**		
4. Identified appropriate drainage material based on the drawing • sand • lime • blocks (***Award 1 mark or zero for each)***	**3**		

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5. Used tools and equipment correctly ***(Award ½ mark or zero for each maximum 2 marks)***	**2**		
6. Cleaned and Stored tools and equipment based on guidelines ***(Award 3marks or zero)***	**3**		
7. Waste disposed properly (***Award 2 ma3rk or zero)***	**2**		
Sub-Total 1	**18**		
PRODUCT CHECKLIST			
	Marks allocated	**Marks obtained**	**comments**
8. Constructed the inspection manhole correctly according to the drawings • **450mm** • **600mm** • **660mm** • **750mm** • **25mm** • **10mm** ***(Award 2 marks or Zero for each)***	**12**		
9. Fixed pipe pieces correctly to the manhole 1x2 ***(Award 2 marks for each or zero)***	**4**		
10. Benching is done correctly based on the working drawing (***Award 5 marks or zero)***	**5**		
11. Plaster done correctly • Smoothness • Plumbness • Squareness (***Award 2 mark or zero for each)***	**6**		
12. Tested the functionality of the manhole, with correct flow and slope	**3**		

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(Award 2 mark or zero)			
13. Completeness of the project • 100 % complete 2 mark • below 100% 0 mark	**2**		
Sub-Total 2	**32**		
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:

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Feedback to the Candidate:

Candidate Signature **Date:**

_____ _____

Assessor's Signature **Date**

_____ _____

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