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073105T4PLM

PLUMBING LEVEL 5

CON/OS/PL/CR/02/5/A

Install Rainwater Harvesting and Disposal

Nov/Dec 2024

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

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PRACTICAL ASSESSMENT

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**
OBSERVATION CHECKLIST			
1. Used personal protective equipment in line with occupational safety and health requirements	**2**		

• Wore hand gloves • Overall • Safety boots *(Award 1 mark for any TWO correctly used PPE.)*			
2. Interpreted the working drawing correctly *(Award 2 marks or zero for correct interpretation)*	**2**		
3. Identified rainwater harvesting materials based on the working drawings and specifications. *(Award 2 mark or zero)*	**2**		
4. Measured and estimated materials and supplies required based on working drawings and specifications *(Award 1 mark for any 2 materials and supplies identified and marked)*	**2**		
5. Cut material based on drawings and correct sizes. (A*ward a maximum of 1 mark each for any 2 sections cut correctly)*	**2**		
6. Jointed and assembled pieces together based on working drawing (A*ward a maximum of 2 marks each for at least 2 pieces section jointed and assembled)*	**4**		
7. Conducted water test/ functionality test based on best practices. *(Award 3 marks or zero)*	**3**		
8. Disposed all segregated wastes in line with environment protection guidelines.	**2**		

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(Award 2 mark or zero)			
9. Cleaned and stored tools and equipment as per manufacturers' instructions. *(Award 2 marks or zero)*	**2**		
10. Stored back surplus materials and supplies as per manufacturers' instructions. *(Award 2 marks or zero)*	**2**		
Sub-Total 1	**23**		
PRODUCT CHECKLIST			
11. Measurements. (300,1200,1200,300,600 and 300) *(Award 1 mark for each correct measurement 1x6=6 or zero)*	**6**		
12. Plumbness of the gutter. *(Award 2 marks for correct squaring or zero)*	**2**		
13. Gutter gradient. *(Award 2 marks for gradient or zero)*	**2**		
14. Right angle at the elbow joints. *(Award 2 marks each or zero)*	**4**		
15. Levelness of the gutter. *(Award 4 marks or zero)*	**4**		
16. Rigidity of the fittings. *(Award 3 marks or zero)*	**3**		
17. Fittings free from any leaks.	**2**		

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(Award three 2 or zero)			
18. Completed project *(Award 4 marks for 100% completion, 2 mark for 75% or zero below 75% completion)*	**4**		
Sub-Total 2	**27**		
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%)

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Feedback from the Candidate:

Feedback to the Candidate:

Candidate Signature _____ Date: _____

Assessor's Signature _____ Date _____