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073105T4PLM

PLUMBING LEVEL 5

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

Install Rainwater Harvesting and Disposal

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

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OBSERVATION CHECKLIST

Candidate's name & Registration Code			
Assessor's 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**
1. Wore PPEs (helmets, safety boots, gloves, overall). *(Award two marks for full PPE donned as per workplace procedures)*	**2**		
2. Used tools and equipment correctly. • Snip • Mallet • Pliers • tape measure *(Award one marks for four tools correctly used)*	**4**		
3. Measured the sheet metal correctly. *(Award two marks for each correct measurement)*	**2**		
4. Folded the edge correctly. *(Award four marks or zero)*	**4**		
5. Counter Checked on round half gutter. • Length, Width and Depth. *(Award one mark each (1x3) or zero)*	**3**		
6. Mounted the gutter and down pipe as per the drawing. *(Award 1½ mark each; (1½ x2=3) or zero)*	**3**		

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7. Cared for and maintained tools and equipment as per the workplace policy. *(Award two marks or zero)*	**2**		
8. Disposed of cuts properly. *(Award two marks for proper disposal or zero)*	**2**		
SUB-TOTAL	**22**		
PRODUCT CHECKLIST			
9. Measurements. • 200 • 1000 • 700 • 600 • 300 • 50 • 150 *(Award 1 mark for each correct measurement (1x7=7) or zero)*	**7**		
10. Squareness of the gutter. *(Award 2 marks for correct squaring or zero)*	**2**		
11. Gutter gradient. *(Award 2 marks for gradient or zero)*	**2**		
12. Right angle at the elbow joints. *(Award 2 marks each or zero)*	**4**		
13. Uniformity of the round half gutter. *(Award three marks or zero)*	**3**		

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14. Well joint of downpipe and the gutter and well folded together. *(Award six marks or zero 6 x1=6)*	**6**		
15. Proper folding of edges/safe edge. *(Award three marks or zero)*	**3**		
16. Well connection of tap on water tank with fittings. *(Award five marks or zero 5 x1=5)*	**5**		
17. Single lock formation on down pipe *(Award four marks or zero 4 x1=4)*	**4**		
18. Allocation of the tank from downpipe *(Award five marks or zero 5 x1=5)*	**5**		
19. Metal sheet surface free from any defects. *(Award three marks or zero)*	**3**		
20. Completed project *(Award 4 marks for 100% completion, 2 marks for 75% or zero below 75% completion)*	**4**		
SUB-TOTAL	**48**		
TOTAL	**70**		

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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 candidate:

Feedback to candidate:

Candidate's Signature	**Date**
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Assessor's Signature	**Date**
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