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073105T4PLM

PLUMBING LEVEL 5

CON/OS/PL/CR/06/5

Maintain Plumbing Systems

March/April 2025

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

PRACTICAL ASSESSMENT

ASSESSOR'S GUIDE

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INSTRUCTIONS TO ASSESSOR

1. Ensure the candidate has a name tag and registration code at the back and front
2. Assess the candidate as the practical progresses observing the critical areas
3. You are required to mark the practical as the candidate perform the tasks
4. You are required to take video clips at critical points
5. Take a photo at the end of the assessment.

This guide consists of FIVE printed pages.

Assessor should check the guide to ascertain that all the pages are printed as indicated and that no questions or answers are missing.

Candidate's name & Registration Code			
Assessor's name & Registration Code			
Venue of Assessment			
Date of assessment			
OBSERVATION CHECKLIST			
Items to be evaluated: *Please award marks as appropriate. Give a brief comment on your observation.*	**Marks available**	**Marks obtained**	**Comments**
TASK 1: Mount the rainwater harvesting and disposal system.			
1. Used personal protective equipment. i. Overall ii. Safety boots iii. Gloves *(Award 1 mark for each PPE worn or zero)*	**1** **1** **1**		
2. Interpreted working drawing. i. Proper arrangement. ii. Correct assembly. *(Award 1 mark for each or zero)*	**1** **1**		
3. Identified materials required for mounting i. Box gutter ii. Downspout iii. Nails *(Award 3 marks for any correct material or zero)*	**1** **1** **1**		
4. Identified tools for mounting of rainwater harvesting and disposal system. i. Hammer ii. level *(Award 1 mark for any two or zero)*	**1** **1**		
5. Identified all fittings required for rainwater			

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harvesting and disposal system. i. Gutter strap. ii. Downspout strap *(Award 1 mark for each or zero)*	**1** **1**		
6. Accurate measurements Tolerance ± 5mm (full mark or zero) i. 900mm ii. 1800mm iii. 100mm (Award 2 marks for each or zero)	**1** **1** **1**		
7. Mounted complete rainwater harvesting and disposal. i. Positioned height of the box gutter. ii. Slopped water box gutter. iii. Assembled rainwater harvesting and disposal i.e., end cap, downspout, box gutter. iv. Sealed joints *(Award 2 marks for each correct point or zero)*	**2** **2** **2** **2**		
8. Fixed in place support for rainwater harvesting and disposal. i. Gutter strap ii. Downspout strap (Award 1 mark for correctly fixed support or zero)	**1** **1**		
9. Used tools and equipment for mounting i. Measuring tools. ii. Fastening tools. iii. Levelling tools. iv. Cutting tools. v. Marking tools.	**1** **1** **1** **1** **1**		

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(Award 1 mark for all tools category correctly used or zero)			
Subtotal 1	**30**		
TASK 2: Maintain the rainwater harvesting and disposal system.			
10. Conducted a functionality test. *(Award 1 mark or zero)*	**1**		
11. Tested functionality of the rainwater harvesting and disposal system. i. No leaks ii. No blockages *(Award 2 marks for each identified fault or zero)*	**2** **2**		
12. Fixed the faults of the rainwater harvesting and disposal system. i. Slop alignment ii. Sealing leakages iii. Firmness *(Award 2 marks for each corrected fault or zero)*	**2** **2** **2**		
13. Re-tested functionality of rainwater harvesting and disposal and corrected the faults. i. No leaks ii. No blockages *(Award 2 marks for each corrected fault or zero)*	**2** **2**		
14. Dismasted and stored the rainwater harvesting and disposal components. *(Award 2 marks or zero)*	**2**		
15. Cleaned and stored tools and equipment. (Award 1 mark for cleaned and stored tools or zero)	**1**		
16. Proper waste disposal (Award 1 mark for proper disposal of waste or zero)	**1**		

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Sub-total 2	**19**		
PRODUCT CHECK LIST			
17. Correctly maintained rainwater harvesting and disposal system. *(Award 6 marks or zero)*	**6**		
Total	**55**		
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** ---------- ----------			
Assessor's Signature **Date** ---------- ----------			

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