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073105T4PLM

PLUMBING LEVEL 5

COS/OS/PL/CR/01/5/A

Install Water Storage Systems and Auxiliary Fittings

Nov/Dec 2024.

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

PRACTICAL ASSESSMENT

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OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessors Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be evaluated: *Please award marks asappropriate. Give a brief comment on your observation.*	**Marks available**	**Marks obtained**	**Comments**
TASK 1: ASSEMBLE TOOLS, MATERIALS AND EQUIPMENT AND SAFETY			
1. Used personal Protective Equipment is inline with occupational safety and health requirements • Gloves • Apron • Helmet • Safety boots *(Award 1 mark for each PPE used or zero)*	**2**		
2. Identified materials according to job requirement. *(Award 1 mark for material correct identification and use or zero)*	**1**		
3. Identified materials required for piping based on the drawings and positioning correctly. *(Award 2marks for materials identified correctly and positioning or zero)*	**2**		
SUB-TOTAL	**5**		

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TASK 2: INTERPRET ARCHITECTURAL DRAWING			
4. Interpreted drawing based on the specification *(Award 2 marks or zero)*	**2**		
5. Identified symbols based on the drawing. *(Award 1 mark for correct identified symbol orzero)*	**3**		
SUB-TOTAL	**5**		
TASK 3 INSTALL WATER PIPES AND SYSTEMS IN BUILDINGS.			
6. Set out positions of pipes basedon working drawings *(Award 1 mark or zero)*	**1**		
7. Threaded galvanized Iron pipes based on best practices. *(Award 3marks for correct thread formed or zero)*	**3**		
8. Joined pipes in accordance with best practices and manufacturer's instructions. *(Award 1 mark or zero)*	**4**		
9. Bended pipes based on type, drawing specifications and requirements of the job. *(Award 2 marks for correct bending or zero)*	**2**		
10. Fitted pipes based on drawingspecifications. *(Award 1 mark or zero)*	**4**		
11. Marked positions of pipes based on working drawings	**2**		

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(Award 2 marks or zero)			
12. Conducted functionality tests based on best practices. *(Award 2 marks or zero)*	**2**		
13. Proper waste disposal *(Award 2 marks or zero)*	**2**		
SUB-TOTAL	**20**		
PRODUCT CHECKLIST			
14. Measurements: 2700, 2000, 400,400,700,3000 and 200 *(Award 1 marks for each correct measurement orzero)*	**7**		
15. Firmness of joints *(Award ½ mark for each or zero)*	**5**		
16. General appearance *(Award 3 *3 marks or zero depending on the degree of appearance)*	**9**		
17. Completeness *(Award 3 *3 marks or zero depending on degree of completeness)*	**9**		
SUB-TOTAL	**30**		
TOTAL	**60**		
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 candidate:	
Feedback to candidate:	
Candidate's Signature ----------	**Date** ----------
Assessor's Signature ----------	**Date** ----------

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