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073105T4PLM

PLUMBING LEVEL 5

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

Install Water Supply Systems

Nov/Dec 2024

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

PRACTICAL ASSESSMENT

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OBSERVATION CHECKLIST

OBSERVATION CHECKLIST			
Candidate's name & Registration No.			
Assessor's name & Id code			
Unit(s) of Competency			
Venue of Assessment			
Date of assessment			
Items to be evaluated:	**Marks allocated**	**Marks obtained**	**Comments**
1. Used personal protective equipment in line with occupational safety and health requirements • Gloves • Safety boots • helmet • Overall	**3**		

• Hearing protector *(award one mark for at least 3 equipment used)*			
2. Interpreted the working drawing correctly *(award 1 mark or zero)*	**1**		
3. Read scale of the drawings based on the provided key. *(award 1 mark or zero)*	**1**		
4. Identified fittings as per job requirements • Tee • Union • Valve • elbow *(award 1 mark for any 3 symbols)*	**3**		
5. Used piping tools and equipment correctly based on the requirements of the job (Including but not limited to:) • Pipe wrench • Pipe threading equipment. • Pipe cutter. • Hacksaw. • York Vice • Files. • Steel rule. *(award 1 marks for at least 6 main equipment)*	**6**		
6. Accuracy in pipe work as per work requirements • Measuring • Cutting	**12**		

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• Threading • Bending *(award 3 marks for each task accomplished)*			
7. Assembled and fitted all the pipes as per requirements of the job • Elbows, • sockets • Tee • reducing sockets *(award 2 marks for each fitting)*	**8**		
8. Maintained piping tools and equipment based on manufacturers manual and workplace place policy (*award 2 marks or zero)*	**2**		
9. Stored piping tools and equipment based on manufacturer's instructions. *(award 2 marks or zero)*	**2**		
10. Proper waste disposal *(award 2 marks or zero)*	**2**		
SUB-TOTAL	**40**		

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PRODUCT CHECKLIST			
	Marks allocated	**Marks obtained**	**Comments**
11. Pipes cut as per the measurements (*award 3 marks or zero*)	3		
12. Pipes well jointed and fitted to the water supply system	3		

• Minimum faults (*award 3 marks or zero*)			
13. Alignment of pipes • Proper verticality • Levelness of horizontal pipes *(award 2 marks per point)*	4		
SUB-TOTAL	**10**		
TOTAL	**50**		

The candidate was found to be: ☐ **Competent** ☐ **Not yet competent**

(Please tick as appropriate)

(The candidate is competent if s/he gets more than half of the total marks

Feedback from candidate:

Feedback to candidate:

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Candidate's signature:	**Date:**	
Assessor's signature:	**Date:**	