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073204T4PLM

PLUMBING LEVEL 4

CON/OS/PL/CR/01/4/A

Install Water Pipes and Ancillary Appliances

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

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**
TASK 1:			
1. Used personal Protective Equipment • Apron • Helmet • Safety boots ***(Award 1 mark for each PPE used or zero)***	**1** **1** **1**		
2. Interpreted working drawings ***(Award 2marks or zero)***	**2**		
3. Identified materials for the task ***(Award 2 mark or zero for each material identified)***	**2**		
4. Identified Tools and equipment for the task. • Hacksaw/pipe cutter • Tape measure • Pipe wrench ***(Award 1 mark or zero)***	**1** **1** **1**		
5. Cleaned and stored tools and equipment after the task. ***(Award 2 mark or zero)***	**2**		
6. Stored materials and supplies ***(Award 1 mark or zero)***	**1**		
Sub-Total 1	**13**		

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PRODUCT CHECKLIST			
7. Measurements done as per the drawing. • 500mm • 250mm 1x2 • 200mm • 300mm 1x2 • 550mm • 750mm • 850mm	 **2** **4** **2** **4** **2** **2** **2**		
8. Threaded galvanized Iron pipes ***Award ½ mark for each threaded joint.***	**7**		
9. Joined the pipework as per drawing ***(Award 4 mark or zero)***	**4**		
10. Quality of machine bends Smooth No collapse ***(Award 1 marks for correct bending or zero)***	**1** **1**		
11. Quality of the heat bend No wrinkles No over heating No Over stretch ***(Award 1 marks for each or zero)***	 **1** **1** **1**		
12. General appearance of the project ***Award 3 marks for 100% completion or zero***	**3**		
Sub-Total	**37**		
GRAND TOTAL	**50**		
ASSESSMENT OUTCOME			

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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 the Candidate:
Feedback to the Candidate:
Candidate Signature **Date:** _____ _____
Assessor's Signature **Date** _____ _____

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