

073203T4PLM

PLUMBER LEVEL 3

CON/OS/PL/CR/01/3/A

INSTALL PIPES IN BUILDINGS

NOV /DEC 2023



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

PRACTICAL ASSESSMENT

INSTRUCTIONS TO THE ASSESSOR

1. You are required to mark the practical as the candidate perform the tasks.
2. You are required to take video clips at critical points.
3. Ensure the candidate has a name tag and registration code at the back and front.

This assessor guide consists of FOUR (4) printed pages.

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

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 <ul style="list-style-type: none"> • hand gloves • Overall • Safety boots <i>(Award 2 marks for full safety gear or zero)</i>	2		
2.Interpreted the working drawing correctly <i>(Award 2 marks or zero)</i>	2		
3.identified symbols based on internationally accepted codes for fittings on the drawing <ul style="list-style-type: none"> • Union • Tee • Valve • Tap <i>(Award 1mark for each or zero)</i>	4		
4.Used tools and equipment correctly based on the requirements of the job <ul style="list-style-type: none"> • Pipe wrench. • Pipe threading equipment • Pipe cutter • Hacksaw. • Bench Vise • Files. 	5		

<ul style="list-style-type: none"> • Steel rule. <p><i>(Award 1 mark for each tool and equipment used correctly- at least five tools/equipment or zero)</i></p>			
<p>5. Observed correct:</p> <ul style="list-style-type: none"> • measuring, • cutting • bending • Threading procedures. <p><i>(Award 2 marks for each step)</i></p>	8		
<p>6. Assembled and fitted all the pipes as per requirements of the job</p> <ul style="list-style-type: none"> • Elbows • Tee • Tap <p><i>(Award 2 marks for each fitting)</i></p>	6		
<p>7. Cared and maintained piping tools and equipment based on manufacturers manual and workplace place policy</p> <p><i>(Award 2 marks or zero)</i></p>	2		
<p>8. Fitted flexible pipe to the main pipe work as per the drawing</p> <p><i>(Award 2 marks or zero)</i></p>	2		
<p>9. Fitted the shower head as per standard procedure</p> <p><i>(Award 2 marks or zero)</i></p>	2		
<p>10. Performed functionality test as per standard procedure</p> <p><i>(Award 2 marks or zero)</i></p>	2		
<p>11. Stored piping tools and equipment based on manufacturer's instruction.</p> <p><i>(Award 1 mark or zero for proper storage of equipment)</i></p>	1		
<p>12. Proper waste disposal</p> <p><i>(Award 1 marks or zero)</i></p>	1		
SUB-TOTAL	38		
PRODUCT CHECKLIST			

13. Bent the pipes correctly as per the drawing <i>(Award 2 marks or zero)</i>	2		
14. Jointed and fitted the pipes well to the fittings <ul style="list-style-type: none"> • Appearance • Minimum faults <i>(Award 2 marks for each or zero)</i>	4		
15. Alignment of pipes <ul style="list-style-type: none"> • Proper verticality • Levelness of horizontal pipes <i>(Award 2 marks for each or zero)</i>	4		
16. Completeness <i>(Award 1, 2 or 3 Marks depending on degree of completeness)</i>	3		
SUB-TOTAL	13		
TOTAL MARKS	50		
The candidate was found to be: Competent _____ Not yet competent _____ (Please tick as appropriate)			
Feedback from candidate:			
Feedback to candidate:			
Candidate's signature:		Date:	
Assessor's signature:		Date:	