

073203T4PLM

PLUMBER LEVEL 3

CON/OS/PL/CR/03/3

INSTALL STORAGE AND PUMPING SYSTEMS

NOV /DEC 2023



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

ASSESSOR'S GUIDE

PRACTICAL ASSESSMENT

INSTRUCTIONS TO THE ASSESSOR

1. You are required to mark the practical as the candidate performs the tasks.
2. You are required to take video clips at critical points.
3. Ensure the candidate has an identification tag pinned at the back and front near the shoulders showing Candidate's name and registration code.

This assessor Guide consists of Five (5) printed pages

Candidate's name & Registration Code			
Assessor's name & Registration Code			
Venue of Assessment			
Date of assessment			
OBSERVATION CHECKLIST			
Items to be evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	Marks available	Marks obtained	Comments
<p>1. Adhered to prescribed safety as per workplace procedures</p> <ul style="list-style-type: none"> • Wore PPEs (clear goggles, overall, safety boots). • Observed environmental safety (waste disposal, no spills on the floor, adequate ventilation and lighting) <p><i>(Award 1 mark for each point 1x2=2mark or zero)</i></p>	2		
<p>2. Chose correctly the available equipment, tools and materials to be used.</p> <ul style="list-style-type: none"> • Pipe wrench, Pipe cutter, Tap and punch, hack saw <p><i>(Award 1 mark for any 2 correct tools used or zero)</i></p>	2		

<p>3. Interpreted working drawing correctly.</p> <ul style="list-style-type: none"> • Pipe layout, • Storage tank base plan • Timber stand plan <p><i>(Award 1 mark for each correct drawing interpretation or zero)</i></p>	3		
<p>4. Constructed and positioned timber supports correctly</p> <ul style="list-style-type: none"> • Measuring • Cutting • Assembling <p><i>(Award 2 marks for each correct step or zero)</i></p>	6		
<p>5. Mounted the storage tank as per the job requirements</p> <ul style="list-style-type: none"> • Plumbness • levelness <p><i>(Award 2 marks for 2 correct steps 2x2=4marks or zero)</i></p>	4		
<p>6. Fixed the water tank fittings appropriately</p> <ul style="list-style-type: none"> • Tap • Ball valve • Gate valve <p><i>(Award 1mark for any 2 correct fittings 1x2=2marks or zero)</i></p>	2		
<p>7. Measured and cut the pipes to the correct dimensions as per the drawing</p> <ul style="list-style-type: none"> • Taking correct measurements • Cutting to correct dimensions. • Safety precautions <p><i>(Award 1 mark for any 2 correct activity 1x2=2marks or zero)</i></p>	3		

8. Correctly positioned the pipes from the storage tank to the outlet <ul style="list-style-type: none"> • Plumbness • Levelness • Spacing <p><i>(Award 1 mark for any 2 correct activity 1x2=2 marks or zero)</i></p>	3		
9. Tested storage and ancillary appliances to functionality according to manuals. <ul style="list-style-type: none"> • Test for Leakages • Flashing of fittings. • Faults on joints. <p><i>(Award 1 mark for each 3 correct activity 1x3=3marks or zero)</i></p>	3		
10. Cleaned and stored tools and equipment <ul style="list-style-type: none"> • All tools correctly cleaned • All tools correctly stored <p><i>(Award 2 marks or zero)</i></p>	2		
11. Proper disposal of waste <p><i>(Award 2 marks for waste disposal or zero)</i></p>	2		
SUB-TOTAL	32		
PRODUCT CHECKLIST			
12. Correctly erected timber supports; <ul style="list-style-type: none"> • Verticality of the support. • Firmness. • Correct measurements. <p><i>(Award 2 marks for each correct answer 2x3=6marks or zero)</i></p>	6		

13. Correctly mounted storage tank; <ul style="list-style-type: none"> • Positioning • Observe safety precautions. <i>(Award 2 marks for each correct answer 2x2=4marks or zero)</i>	4		
14. Accuracy in pipe work; <ul style="list-style-type: none"> • Measurements • Cutting • Fixing <i>(Award 2 marks for each 2 correct answer 2x2=4marks or zero)</i>	4		
15. Accuracy in fittings Installation; <ul style="list-style-type: none"> • Taps • Valves • Union • Bend <i>(Award 1mark for each 3 correct answer 1x3=3marks or zero)</i>	3		
16. Functionality of the system <ul style="list-style-type: none"> • Running water <i>(Award 1 mark or zero)</i>	1		
SUB-TOTAL	18		
Total	50		
ASSESSMENT OUTCOME			
<p>The candidate was found to be:</p> <p style="text-align: center;">Competent <input type="checkbox"/> Not yet competent <input type="checkbox"/></p> <p><i>(Please tick as appropriate)</i></p> <p><i>(The candidate is competent if s/he gets at least 50%)</i></p>			

Feedback from candidate:	
Feedback to candidate:	
Candidate's Signature	Date
-----	-----
Assessor's Signature	Date
-----	-----

easytvvet.com