

073203T4PLM

PLUMBING LEVEL 3

CON/OS/PL/CR/04/3/

Maintain Plumbing Systems

July/August 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 | | | |
| Assessor's name & Registration Code | | | |
| Venue of Assessment | | | |
| Date of assessment | | | |
| Items to be evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i> | Marks available | Marks obtained | Comments |
| Task 1.install a water supply system | | | |
| <p>1. Used personal protective equipment in line with occupation safety and health regulations.</p> <ul style="list-style-type: none"> • Overall • Safety boots • Reflector • Helmet <p><i>(Award 1 marks for PPE worn or zero; 4 x 1 = 4 Marks)</i></p> | 4 | | |
| <p>2. Interpreted working drawings based on drawing standards</p> <ul style="list-style-type: none"> • Correct measurement • Arrangement • Necessary plumbing fitting <p><i>(Award 2 marks or zero: 3x 1 = 3 Marks)</i></p> | 3 | | |

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| <p>3. Identified symbols based on drawing standards</p> <ul style="list-style-type: none"> • TAP • W.H.B <p><i>(Award 1 mark for each or zero; 2 x 1 = 2 Marks)</i></p> | 2 | | |
| <p>4. measured pipes correctly fitted pipe fittings correctly Installed water supply system according to drawing</p> <p><i>(Award 2 marks or zero; 2 x 3 = 6 Marks)</i></p> | 6 | | |
| Task 2: Maintenance of plumbing system | | | |
| <p>5. Checked for faults in the supply system</p> <p>Fixed leakage</p> <p>Tightened loose fitting</p> <p>Replaced fault fittings</p> <p><i>(Award 4 marks or zero; 4 x 1 = Marks)</i></p> | 4 | | |
| <p>6. Used tools and equipment to correct job requirement</p> <ul style="list-style-type: none"> • Measuring tools • Cutting tools • Joining tools <p><i>(Award 2 mark for all tools category correctly identified and used; 3 x 2 = 3 Marks)</i></p> | 6 | | |

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| 7. Cleaned and stored tools and equipment as per assessor's instruction. <i>(Award 2 marks or zero; 2 x 1 = 2 Marks)</i> | 2 | | |
| 8. Disposed waste properly as the manufacturers' description <ul style="list-style-type: none"> • Plastic wraps • Metal brackets • Left over plumbing supplies • Construction debris <i>(Award 1 mark each or zero; 4 x 1 = 4 Marks)</i> | 4 | | |
| 9. Kept in place support for complete wash hand basin, water tank and tap based on assessor's instructions <i>(Award 3 marks or zero; 3 x 1 = 3 Marks)</i> | 3 | | |
| Sub - total | 31 | | |
| PRODUCT CHECKLIST | | | |
| 10. Checked parameters in accordance to industry standards <ul style="list-style-type: none"> • Firmly fixed fittings • Correct measurement of pipe (1000mm) • Plumbness of the pipe <i>(Award 2 marks or zero; 2 x 1 = 2 Marks)</i> <i>(Award 1 mark or zero for each; 2 x 1 = 2 Marks)</i> | 4 | | |

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--|--|
| <p>11. Mounted complete wash hand basin, tank and tap based on best practice</p> <ul style="list-style-type: none"> • Correct height positioning of WHB • Levelness of WHB • WHB accessories assembled (tap) • Correct pipe fittings assembled (elbows and flexible tube) <p><i>(Award 1 mark for each; 4 x 1 = 4 Marks)</i></p> | 4 | | |
| <p>12. Functionality test.</p> | | | |
| <ul style="list-style-type: none"> • Tested functionality of the appliances after maintaining. • repaired faulty connection <p><i>(Award 4 marks or zero)</i></p> | 4 | | |
| <p>13. Checked the correct functioning for flow and pressure</p> <p><i>(Award 2 marks each for correct flow and pressure or zero)</i></p> | 4 | | |
| <p>Sub - Total</p> | 16 | | |
| <p>GRAND TOTAL</p> | 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> | | | |
| <i>(The candidate is competent if the candidate obtains at least 50%)</i> | | | |

| | |
|---------------------------------------|----------------------|
| Candidate's Signature ----- | Date ----- |
| Assessor's Signature ----- | Date ----- |

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