

073105T4PLM

PLUMBING LEVEL 5

COS/OS/PL/CR/03/5/A

Install Drainage System

27/05/2025



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

**PRACTICAL ASSESSMENT**

**OBSERVATION CHECKLIST**

|                                                                                                                                                                              |                        |                       |                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------|-----------------|
| <b>Candidate's Name &amp; Registration Code</b>                                                                                                                              |                        |                       |                 |
| <b>Assessors Name &amp; Registration Code</b>                                                                                                                                |                        |                       |                 |
| <b>Venue of Assessment</b>                                                                                                                                                   |                        |                       |                 |
| <b>Date of Assessment</b>                                                                                                                                                    |                        |                       |                 |
| <b>Items to be Evaluated:</b> <i>Please award marks as appropriate. Give a brief comment on your observation.</i>                                                            | <b>Marks Available</b> | <b>Marks Obtained</b> | <b>Comments</b> |
| 1. Used personal protective equipment in line with occupational safety and health requirements <ul style="list-style-type: none"> <li>• Gloves</li> <li>• Goggles</li> </ul> | <b>4</b>               |                       |                 |

|                                                                                                                                                                                                                  |           |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--|--|
| <ul style="list-style-type: none"> <li>• Safety hat</li> <li>• Overall</li> </ul> <i>(Award 1 mark for at least 4 equipment)</i>                                                                                 |           |  |  |
| 2. Interpreted the working drawing correctly<br><i>(Award 2 marks or zero)</i>                                                                                                                                   | 2         |  |  |
| 3. Installed correctly pipework.<br><i>(Award 2 marks or zero)</i>                                                                                                                                               | 4         |  |  |
| 4. Carried out excavation of the trenches to correct gradient.<br><br><ul style="list-style-type: none"> <li>• pipe laying</li> <li>• Correct gradient</li> </ul> <i>(Award 4 marks for each completed task)</i> | 8         |  |  |
| 5. Constructed the inspection chamber and manhole correctly according to drawing.<br><i>(Award 10,9,8,7,6,5,4,3,2,1 marks or zero according to the appearance)</i>                                               | 10        |  |  |
| 6. Appropriately Joined and fixed the pipe pieces to inspection chamber area and manhole.<br><i>(Award 4 marks or zero)</i>                                                                                      | 4         |  |  |
| 7. Cared and maintained tools and equipment.<br><i>(Award 2 marks or zero)</i>                                                                                                                                   | 2         |  |  |
| 8. Stored piping tools and equipment based on manufacturer's instructions.<br><i>(Award 2 marks or zero)</i>                                                                                                     | 2         |  |  |
| 9. Housekeeping well conducted<br><i>(Award 2 marks or zero)</i>                                                                                                                                                 | 2         |  |  |
| <b>Sub-total</b>                                                                                                                                                                                                 | <b>38</b> |  |  |

| PRODUCT CHECKLIST                                                                                                                                                                                                                       |           |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|--|
| 10. Connection of Pipes<br><br>a. Well fitted to the required inspection chamber<br><br>b. Proper angle slope<br><br><i>(Award 2 marks for each)</i>                                                                                    | 4         |              |  |
| 11. Well-functioning manhole<br><br>a. Connection<br><br>b. Flow<br><br><i>(Award 4 mark for each)</i>                                                                                                                                  | 8         |              |  |
| <b>Sub-total</b>                                                                                                                                                                                                                        | <b>12</b> |              |  |
| <b>GRAND TOTAL</b>                                                                                                                                                                                                                      | <b>50</b> |              |  |
| <b>ASSESSMENT OUTCOME</b>                                                                                                                                                                                                               |           |              |  |
| The candidate was found to be:<br><br>Competent <input type="checkbox"/> Not yet Competent <input type="checkbox"/><br><i>(Please tick as appropriate)</i><br><i>(The candidate is competent if the candidate obtains at least 50%)</i> |           |              |  |
| <b>Feedback from the Candidate:</b>                                                                                                                                                                                                     |           |              |  |
| <b>Feedback to the Candidate:</b>                                                                                                                                                                                                       |           |              |  |
| <b>Candidate Signature</b>                                                                                                                                                                                                              |           | <b>Date:</b> |  |
| _____                                                                                                                                                                                                                                   |           | _____        |  |

|                             |             |
|-----------------------------|-------------|
| <b>Assessor's Signature</b> | <b>Date</b> |
| <hr/>                       | <hr/>       |