

**083105T4AQC**

**AQUACULTURE MANAGEMENT LEVEL 5**

**AQ/OS/AT/CR/06/5/B**

**Set Up Small-Scale Fish Hatchery Unit**

**Nov/Dec 2024**



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

**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

|                                                                                                                                                                                                                                                                               |                            |                       |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------|-----------------|
| <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> |
| <b>TASK 1: WORN PERSONAL PROTECTIVE EQUIPMENT</b>                                                                                                                                                                                                                             |                            |                       |                 |
| 1. Worn personal protective equipment <ul style="list-style-type: none"> <li>Gumboots</li> <li>Overall/dust coat</li> <li>Gloves</li> </ul> <i>(Award 1 mark × 3 PPEs worn = 3 marks)</i>                                                                                     | 1<br>1<br>1                |                       |                 |
| <b>Sub-Total 1</b>                                                                                                                                                                                                                                                            | <b>3</b>                   |                       |                 |
| <b>TASK 2: PREPARED THE WORKING AREA</b>                                                                                                                                                                                                                                      |                            |                       |                 |
| 2. Prepared the working area <ul style="list-style-type: none"> <li>Removed dust</li> <li>Removed debris</li> </ul> <i>(Award 1 mark × 2 tasks done = 2 marks)</i>                                                                                                            | 1<br>1                     |                       |                 |
| 3. Identified and assembled the tools, materials and equipment required to carry out the task <ul style="list-style-type: none"> <li>Wooden pieces for the frame</li> <li>Galvanized mesh wire</li> <li>Nails</li> <li>Hammer</li> <li>Measuring tape</li> <li>Saw</li> </ul> | 1<br>1<br>1<br>1<br>1<br>1 |                       |                 |

|                                                                                                                                                                                                                                                                                                                                                  |                       |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--|--|
| <ul style="list-style-type: none"> <li>• Cable Cutting Plier</li> <li>• Sandpaper</li> <li>• Pencil</li> <li>• Pliers</li> <li>• Notebook</li> </ul> <p><i>(Award 1 mark × 11 items assembled = 11 marks)</i></p>                                                                                                                                | 1<br>1<br>1<br>1<br>1 |  |  |
| <p>4. Organized working area</p> <ul style="list-style-type: none"> <li>• Laid out the collected tools, equipment and any other materials neatly</li> </ul> <p><i>(Award 2 marks × 1 items assembled = 2 marks)</i></p>                                                                                                                          | 2                     |  |  |
| <b>Sub-Total 2</b>                                                                                                                                                                                                                                                                                                                               | <b>15</b>             |  |  |
| <b>TASK 3: PREPARED THE WOODEN FRAME</b>                                                                                                                                                                                                                                                                                                         |                       |  |  |
| <p>5. Made the wooden frame</p> <ul style="list-style-type: none"> <li>• Measured and marked the wood</li> <li>• Cut the wood into the desired lengths</li> <li>• Sanded the edges of the wood</li> <li>• Assembled the frame</li> </ul> <p><i>(Award marks for tasks done = 14 marks)</i></p>                                                   | 4<br>4<br>3<br>3      |  |  |
| <b>Sub-Total 3</b>                                                                                                                                                                                                                                                                                                                               | <b>14</b>             |  |  |
| <b>TASK 4: ATTACHED THE MESH</b>                                                                                                                                                                                                                                                                                                                 |                       |  |  |
| <p>6. Cut and Attached the Mesh</p> <ul style="list-style-type: none"> <li>• Measured the galvanized wire mesh</li> <li>• Precisely cut it to fit the wooden frame</li> <li>• Secured the mesh to the wooden frame</li> <li>• The mesh is made tight and flat against the frame</li> </ul> <p><i>(Award marks for tasks done = 14 marks)</i></p> | 4<br>5<br>3<br>2      |  |  |



|                                                                                                                                                                                                                                                                                                                                   |           |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|--|
| <ul style="list-style-type: none"> <li>Avoided littering the work area.</li> </ul>                                                                                                                                                                                                                                                | 1         |              |  |
| (Award 1 mark × 2 tasks done = 2 marks)                                                                                                                                                                                                                                                                                           |           |              |  |
| <b>Sub-Total 6</b>                                                                                                                                                                                                                                                                                                                | <b>5</b>  |              |  |
| <b>TASK 7: DOCUMENTED THE ACTIVITY</b>                                                                                                                                                                                                                                                                                            |           |              |  |
| 11. Documented the activity <ul style="list-style-type: none"> <li>Took notes</li> </ul>                                                                                                                                                                                                                                          | 1         |              |  |
| (Award 1 mark × 1 task done = 1 marks)                                                                                                                                                                                                                                                                                            |           |              |  |
| <b>Sub-Total 7</b>                                                                                                                                                                                                                                                                                                                | <b>1</b>  |              |  |
| <b>GRAND TOTAL</b>                                                                                                                                                                                                                                                                                                                | <b>60</b> |              |  |
| <p align="center"><b>ASSESSMENT OUTCOME</b></p> <p>The candidate was found to be:</p> <p align="center">             Competent <input type="checkbox"/>             Not yet Competent <input type="checkbox"/> </p> <p>(Please tick as appropriate)</p> <p>(The candidate is competent if the candidate obtains at least 50%)</p> |           |              |  |
| <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>  |  |
| _____                                                                                                                                                                                                                                                                                                                             |           | _____        |  |