

**083105T4AQC**

**AQUACULTURE MANAGEMENT LEVEL 5**

**AQ/OS/AT/CR/04/5/B**

**Produce Grow Out Fish**

**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. Wiped down all work surfaces <ul style="list-style-type: none"> <li>Removed dust and debris</li> <li>Removed any potential contaminants.</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>Weighing scale (digital or mechanical)</li> <li>Bucket</li> </ul> | 1<br>1                 |                       |                 |

|                                                                                                                                                                                                                                                                                                                                        |                            |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--|--|
| <ul style="list-style-type: none"> <li>• Scoop net</li> <li>• Recording sheet</li> <li>• Calculator</li> <li>• Face towel</li> </ul> <p>(Award 1 mark <math>\times</math> 6 items assembled = 6 marks)</p>                                                                                                                             | 1                          |  |  |
| <b>Sub-Total 2</b>                                                                                                                                                                                                                                                                                                                     | <b>9</b>                   |  |  |
| <b>TASK 3: SAMPLED FISH</b>                                                                                                                                                                                                                                                                                                            |                            |  |  |
| <p>4. Sampled 10 fish</p> <ul style="list-style-type: none"> <li>• Used scoop net to carefully collect 10 fish from the tank</li> <li>• Placed the fish into a bucket with some water</li> <li>• handled the fish carefully to avoid injury or stress</li> </ul> <p>(Award marks for tasks done = 13 marks)</p>                        | <p>5</p> <p>4</p> <p>4</p> |  |  |
| <b>Sub-Total 3</b>                                                                                                                                                                                                                                                                                                                     | <b>13</b>                  |  |  |
| <b>TASK 4: WEIGHED THE FISH</b>                                                                                                                                                                                                                                                                                                        |                            |  |  |
| <p>5. Measured weight of the fish</p> <ul style="list-style-type: none"> <li>• Used a scale to weigh each fish individually.</li> <li>• Recorded the weight of each fish in grams on the provided recording sheet.</li> <li>• Repeated the weighing process for all 10 fish.</li> </ul> <p>(Award marks for tasks done = 14 marks)</p> | <p>4</p> <p>4</p> <p>6</p> |  |  |
| <b>Sub-Total 4</b>                                                                                                                                                                                                                                                                                                                     | <b>14</b>                  |  |  |
| <b>TASK 5: CALCULATED AVERAGE WEIGHT OF SAMPLED FISH</b>                                                                                                                                                                                                                                                                               |                            |  |  |

|                                                                                               |           |  |  |
|-----------------------------------------------------------------------------------------------|-----------|--|--|
| 6. Calculated average weight                                                                  |           |  |  |
| • Summed up the total weight of the 10 fish                                                   | 5         |  |  |
| • Calculated the average weight by dividing the total weight by 10                            | 2         |  |  |
| • Recorded the average weight in grams                                                        | 3         |  |  |
| (Award marks for tasks done = 10 marks)                                                       |           |  |  |
| <b>Sub-Total 5</b>                                                                            | <b>10</b> |  |  |
| <b>TASK 6: FEED CALCULATION</b>                                                               |           |  |  |
| 7. Required feed calculation                                                                  |           |  |  |
| • Converted the average fish weight into kilograms (by dividing by 1000 if necessary).        | 5         |  |  |
| • Multiplied the average weight in kilograms by 3 to get the daily feed requirement per fish. | 2         |  |  |
| • Multiplied the feed requirement per fish by 20 (the number of fish in the tank).            | 3         |  |  |
| (Award marks for tasks done = 10 marks)                                                       |           |  |  |
| <b>Sub-Total 6</b>                                                                            | <b>10</b> |  |  |
| <b>TASK 7: CLEARED THE WORKPLACE, CLEANED AND RETURNED THE TOOLS AND EQUIPMENT</b>            |           |  |  |
| 8. Cleared the working place                                                                  |           |  |  |
| • Cleaned the equipment using running water                                                   | 1         |  |  |
| • Rinsed the equipment                                                                        | 1         |  |  |
| • Returned the equipment to the collection point                                              | 1         |  |  |

|                                                                                                                                                                                                                                                                                                                                                                                      |            |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--|--|
| <ul style="list-style-type: none"> <li>Cleared the workplace</li> </ul> <i>(Award 1 mark × 4 tasks done = 4 marks)</i>                                                                                                                                                                                                                                                               | 1          |  |  |
| 9. Maintained a clean and safe work environment <ul style="list-style-type: none"> <li>Properly disposed of any waste materials in designated bins.</li> <li>Avoided littering the work area.</li> </ul> <i>(Award 1 mark × 2 tasks done = 2 marks)</i>                                                                                                                              | 1<br><br>1 |  |  |
| <b>Sub-Total 7</b>                                                                                                                                                                                                                                                                                                                                                                   | <b>6</b>   |  |  |
| <b>TASK 8: DOCUMENTED THE ACTIVITY</b>                                                                                                                                                                                                                                                                                                                                               |            |  |  |
| 10. Documented the activity <ul style="list-style-type: none"> <li>Notes taken/written</li> </ul> <i>(Award 1 mark × 1 task done = 1 marks)</i>                                                                                                                                                                                                                                      | 1          |  |  |
| <b>Sub-Total 8</b>                                                                                                                                                                                                                                                                                                                                                                   | <b>1</b>   |  |  |
| <b>GRAND TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                   | <b>65</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><i>(Please tick as appropriate)</i></p> <p><i>(The candidate is competent if the candidate obtains at least 50%)</i></p> |            |  |  |
| <b>Feedback from the Candidate:</b>                                                                                                                                                                                                                                                                                                                                                  |            |  |  |
| <b>Feedback to the Candidate:</b>                                                                                                                                                                                                                                                                                                                                                    |            |  |  |

|                                          |                           |
|------------------------------------------|---------------------------|
| <b>Candidate Signature</b><br><br>_____  | <b>Date:</b><br><br>_____ |
| <b>Assessor's Signature</b><br><br>_____ | <b>Date</b><br><br>_____  |

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