

083105T4AQC

AQUACULTURE MANAGEMENT LEVEL 5

AQ/OS/AT/CR/03/5/B

Operate Fish Hatchery

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

Candidate's Name & Registration Code			
Assessors 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: WORN PERSONAL PROTECTIVE EQUIPMENT			
1. Worn personal protective equipment - Gumboots - Overall/dust coat - Gloves <i>(Award 1 mark × 3 PPEs worn = 3 marks)</i>	1 1 1		
Sub-Total 1	3		
TASK 2: PREPARED THE WORKING AREA			
2. Wiped down all work surfaces - Ensured stripping area is clean - Ensured stripping area is organized - Removed any potential contaminants <i>(Award 1 mark × 3 tasks done = 3 marks)</i>	1 1 1		
3. Identified and assembled the tools, materials and equipment required to carry out the task - Ripe African catfish - Dry collection bowl - Clean towels or soft cloth - Clean water <i>(Award 1 mark × 4 items assembled = 4 marks)</i>	1 1 1 1		

4. Cleaned the tools and equipment that will come in contact with the fish or eggs			
• Washed hands	1		
• Washed tools and equipment	1		
(Award 2 marks for the activity done = 2 marks)			
5. Organized working area			
• Laid out the collection bowl, towels, and any other materials neatly.	1		
(Award 1 mark × 1 activity done = 1 marks)			
Sub-Total 2	10		
TASK 3: HANDLING THE CATFISH			
6. Caught and held the catfish			
• Gently caught and held the catfish using a towel/ soft cloth	3		
• Ensured a firm but careful grip around the head and body	3		
• Handled the fish carefully to avoid injury or stress	3		
• Head was slightly elevated	3		
• Ventral region (belly) was facing downward	3		
• The catfish did not drop	2		
• The catfish appeared to be comfortable and not struggling excessively	2		
(Award 19 marks for tasks done = 19 marks)			
Sub-Total 3	19		
TASK 4: STRIPPED THE FISH			
7. Stripped the Fish			

Gently massaged the belly of the catfish from the pectoral fins toward the genital opening (vent).	4		
Applied even pressure to encourage the release of eggs.	4		
Carefully stripped the eggs into the clean collection bowl	3		
There was a smooth release of eggs	2		
Continued the stripping motion until no more eggs were released	2		
The fish did not sustain any visible harm	2		
Ensured all eggs are captured without spilling	2		
<i>(Award marks for tasks done = 19 marks)</i>			
Sub-Total 4	19		
TASK 5: POST-STRIPPING CARE			
8. Offered Post-Stripping Care to the catfish			
Rinsed the broodstock gently with clean water	1		
Returned it to the holding tank for recovery	1		
<i>(Award 1 mark × 2 tasks done = 2 marks)</i>			
Sub-Total 5	2		
TASK 6: CLEARED THE WORKPLACE, CLEANED AND RETURNED THE TOOLS AND EQUIPMENT			
9. Cleared the working place			
Cleaned the equipment using running water	1		
Rinsed the equipment	1		

- Returned the equipment to the collection point - Cleared the workplace <i>(Award 1 mark × 4 tasks done = 4 marks)</i>	1 1		
10. Maintained a clean and safe work environment - Properly disposed of any waste materials in designated bins. - Avoided littering the work area. <i>(Award 1 mark × 2 tasks done = 2 marks)</i>	1 1		
Sub-Total 6	6		
TASK 7: DOCUMENTED THE ACTIVITY			
11. Documented the activity Notes taken <i>(Award 1 mark × 1 task done = 1 marks)</i>	1		
Sub-Total 7	1		
GRAND TOTAL	60		
ASSESSMENT OUTCOME			
The candidate was found to be: Competent ☐ Not yet Competent ☐ <i>(Please tick as appropriate)</i> <i>(The candidate is competent if the candidate obtains at least 50%)</i>			
Feedback from the Candidate:			
Feedback to the Candidate:			

Candidate Signature _____	Date: _____
Assessor's Signature _____	Date _____

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