

083105T4AQC

AQUACULTURE MANAGEMENT LEVEL 5

AQ/OS/AT/CR/04/5/A

PRODUCE GROW OUT FISH

March/April 2025



**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: Perform water quality monitoring			
1. Candidate wore PPE' s as per the job requirements: • Apron • Gumboots • Gloves • Head gear/hairnet <i>(Award 1mark each; maximum of 4)</i>	1 1 1 1		
2. Candidate identified and gathered the tools, equipment and materials: <i>(Award zero or 2 marks))</i>	2		
3. Temperature • Measured the water temperature using a thermometer. <i>(Award zero or 2 marks for use of the thermometer)</i>	2		
• Recorded the temperature <i>(Award zero or 2marks)</i>	2		
4. pH • Measured the pH using a pH meter. <i>(Award zero or 2 marks for use of the pH meter)</i>	2		
• Recorded the pH <i>(Award zero or 2 marks)</i>	2		
5. Pond productivity			

● Measured productivity using a Secchi disk. (Award zero or 2 marks for use of the Secchi/ gently lowering the Secchi disk.)	2		
I. (Award 2 marks for noting the Secchi disappearance depth	2		
II. Award 2 marks for noting the Secchi re- -appearance depth	2		
● Calculated the average of the two Secchi depths Add the answer I to the answer in II and divide by 2 (Award 1 mark for addition, 1 for division and 1 for answer)	3		
6. Dissolved oxygen (DO)			
● Measured the DO using a DO meter (Award zero or 2 marks for use of the DO meter)	2		
(Award zero or 2 marks for recording/taking the reading-correctly/ accuracy)	2		
(Award a maximum of 4marks)			
Sub-Total 1	27		
TASK 2: Stock fish			
7. Floated the sealed plastic bags containing the juvenile fish in the pond.			
(Award zero or 2 marks for floating the sealed plastic bags containing the juveniles).	2		
(Award zero or 2 marks for the time taken during the floating process-approximately 10-20 minutes)	2		
8. Gradually opened the floating sealed plastic bags containing the juveniles.	2		
(Award zero for rough handling or 2 marks for gently opening the sealed plastic bags)			

9. Allowed the water from the pond to mix with water in the plastic bags. (Award zero or 2 marks for allowing water in the sealed plastic bags and pond to mix)	2		
10. Allowed the juveniles fish to swim out of the bags by themselves. (Award zero or 2 marks for allowing the juveniles fish to swim out of the bags)	2		
11. Cleaned and dried the tools and equipment. (Award 1 mark each for cleaning and drying tools and equipment).	2		
12. Stored tools (Award 1 marks each for sorting and proper storage in designated areas)	2		
13. Managed waste ● Collected, sorted and disposed of waste appropriately (Award 1 mark each total 3 marks)	3		
Sub-Total 2	17		
GRAND TOTAL	44		
ASSESSMENT OUTCOME			
The candidate was found to be: Competent ☐ Not yet Competent ☐ (Please tick as appropriate) (The candidate is competent if the candidate obtains at least 50%)			
Feedback from the Candidate:			

Feedback to the Candidate:	
Candidate Signature	Date:
_____	_____
Assessor's Signature	Date
_____	_____

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