

083106T4AQC

AQUACULTURE MANAGEMENT LEVEL 6

AQ/OS/AT/CR/04/6/B

Produce Grow Out Fish

Nov/Dec 2024



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

PRACTICE

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: PREPARATION AND PLANNING			
1. Wore PPEs: • Gumboots • Gloves • Mask • Apron/Wading suit <i>(Award 1 mark for each PPE worn)</i>	4		
2. Assembled all materials, tools and supplies before beginning the tasks as per the tasks involved. <i>(Award 3 marks for assembling all materials before beginning the task)</i>	3		
3. Assessed the tank to check the drainage channels, availability of water for refilling, checking power source for electrically powered draining equipment and presence of any hazards <i>(Award 3 marks for surveying the pond area in preparation for draining the water)</i>	3		
Sub-Total 1	10		

TASK 2: HARVESTING			
4. Prepared a separate holding tank for the harvested fish. <i>(Award 3 marks for filling the holding tanks with pond water up to three quarter level using the bucket provided to draw water and putting them by the pond side)</i>	3		
5. Used draining equipment. <i>(Award 3 marks for using the draining equipment efficiently e.g. pulling/twisting a stand pipe, siphoning the water or setting and powering the drainage pump)</i>	3		
6. Drained the tank. <i>(Award 3 marks for gradual draining/d slowly to prevent subjecting the fish to stress i.e. the pressure of the draining water should be regulated if it is valved and not let out at full force.</i> <i>Award 3 marks for monitoring the water level and making adjustments of the draining pressure as the water level reduces.</i> <i>Award 2 marks for draining the pond to a level where a scoop net can be used without stressing the fish)</i>			
7. Harvested fish <i>(Award 5 marks for efficiently using the scoop net to harvest a few fish per scoop and transferring</i>	5		

<i>them to the holding tanks until the desired number of ten fish is achieved)</i>			
8. After harvesting, assessed the condition of the tank, removed debris, wastes and noted any place requiring repairs and reported/documented. <i>(Award 2marks)</i>	2		
9. Opened the inlet to refill the tank to the desired level. <i>(Award 3 marks)</i>	3		
Sub-Total 2	4		
TASK 3: CALCULATING FEEDING			
10. Weighed the fish <i>(Award 2 Marks for setting the weighing machine on a flat platform and setting the right unit of measurement.</i> <i>Award 3 marks for accurately weighing and recording the weight of the ten fish harvested.)</i>	5		

11. Calculated the feeding ration. $\left(\frac{3}{100} \times (\text{total body weight of all the fish}) = \text{total amount of feed per day.}\right)$ (Award 2 marks for the formula, award 2 marks for substitution and 1 mark for the answer.) Amount of feeds for the month of November 2024 = total amount of feed per day X 30 days. The answer should be in kilograms. (Award 2 marks for the formula, 2 marks for substitution 1 mark for the answer and 1 mark for the unit of measurement)	11		
12. Handled fish. (Award 2 marks for careful handling of e.g. avoided tossing of the fish and handling off water for long to prevent injury and stress)			
13. Post sampling practices (Award 2 marks for carefully restocking the sampled fish back into the pond award 2 marks for assessing the pond conditions by checking for leakages and if the stand pipe or drainage valves and screens have been fitted back properly)	4		
14. Cleaned and stored all the tools, equipment and materials used. (Award 2 marks for collecting, cleaning and properly storing all used materials.)	2		
Sub-Total 3	24		

GRAND TOTAL	58		
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	
_____		_____	