

083105T4AQC

AQUACULTURE MANAGEMENT LEVEL 5

AQ/OS/AT/CR/06/5/A

Set up Small Scale Fish Hatchery Unit

March/April 2025



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

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PRACTICAL ASSESSMENT

INSTRUCTIONS TO ASSESSOR

- 1. This task should be conducted in a group of 2 candidates each.**
2. Assess the candidate as the practical progresses observing the critical areas
3. You are required to mark the practical as the candidate perform the tasks
4. You are required to take video clips at critical points
5. 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: Installation of a happa net			
1. Wore appropriate attire Wader/wading suit. <i>(Award 2 marks or zero)</i>	2		
2. Organized the work area. - Identified a working area - Identified a writing area <i>(Award 2 marks or zero)</i>	1 1		
3. Assembled all tools prior to the beginning of the tasks. <i>(Award 2 marks for gathering everything before the performance of the task or zero for collection of other items during the task)</i>	2		
4. Unfolded/untangled the happa net - Inspected the happa net for any holes - Inspected the happa net to identify the tying points. <i>(Award 1 mark each)</i>	1 1		
5. (a) Accurately taken measurements of the happa net - Length, - width - height	2 2 2		

(b) Noted/recorded the dimensions of the happa net in the provided writing material. <i>(Award 1 mark for noting down the measurements)</i>	1		
6. Surveyed the pond to choose the best point to install the happa net. <i>(Award 3 marks or zero)</i> The installation point should not be too close to the dyke/shallow parts of the water but a distance where feeding can take place even without getting into water.	3		
7. Using a hammer and the first pole, created a temporary benchmark for measuring the strategic points to erect the poles. <i>(Award 2 marks)</i>	2		
8. From the benchmark created, located and installed the other remaining poles as per the tying points of the happa net <i>(Award 3 marks for spacing the poles as per the tying points or 1 mark for inaccuracy)</i>	3		
9. Installed the happa net and secured it on the erected poles Ensured the poles are side by side to the tying points <i>(Award 4 marks for successful happa net installation)</i>	4		
10. Left an allowance of approximately 30 m off the ground to ensure the happa does not touch the pond floor to avoid clogging. <i>(Award 3 marks if the bottom of the happa net doesn't touch the pond floor or zero if touches the pond floor.)</i>	3		

11. Ensured that the top line of the happa net is tight enough and not saggy to facilitate escape of fish <i>(Award 3 marks for a tight/non saggy top line or zero)</i>	3		
12. Inspected to confirm if the tied points are secure enough not to detach and made necessary adjustments. <i>(Award 2 marks for testing the strength of tied points or zero)</i>	3		
13. Inspected to confirm if all edges/corners are straightened, not folded to avoid fish dead zones. Made adjustments where necessary. <i>(Award 2 marks or zero)</i>	2		
14. After ascertaining that the happa is well installed, lowered the sinkers into the happa net at strategic points to keep the net bottom inside water. <i>(Award 3 marks for careful and strategic location of the sinkers evenly within the happa net, award 2 marks for uneven distribution/setting them in one area).</i>	3		
15. Collected, cleaned and dried the tools, work area and equipment used <i>(Award 1 mark each for collecting, cleaning and drying)</i>	3		
16. Stored all the used tools, materials and equipment in appropriate storage areas. <i>(Award 2 marks for storing the tools)</i>	2		
17. Waste management Collected, sorted the wastes into biodegradable and non-recyclable wastes and disposed of the wastes based on the categories.	3		

(Award 1 mark each for collection, sorting and disposal)			
Sub-Total 1	49		
PRODUCT CHECKLIST			
18. Tied points should be well secured	2		
19. All edges/corners should be straightened and not folded	2		
20. Happa net bottom should be inside the water.	2		
21. Good workmanship	2		
Sub-Total	8		
GRAND TOTAL	57		
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	
_____		_____	