

083106T4AQC
AQUACULTURE TECHNICIAN LEVEL 6
AQ/OS/AT/CR/03/6
MANAGE FISH HATCHERY
July/August 2025



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

OBSERVATION CHECKLIST

INSTRUCTIONS TO THE ASSESSOR

1. Allocate the candidate 5 hours to complete the 2 tasks.
2. You are required to mark the practice candidate performs the tasks.
3. You are required to take video clips points.
4. Ensure the candidate has an identification pinned at the back and front near the shoulders showing Candidate's name and registration code.

OBSERVATION CHECKLIST

Candidate's name & Registration Code	
Assessor's 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
1) Wore appropriate protective attire: - Gloves. - Dust coat - Mud boot. - Face mask.	1 1 1 1		
Sub Total	4		
2) Assembled tools, equipment, materials and supplies in advance as per task requirement	1		
Sub-total	1		
TASK 1: Estimate the number of fingerlings in the culture unit (basin).			
i. Prepared a clean basin in readin fingerlings - Cleaned the basin using a piece cl detergent - Rinsed the basin using clean water to remove soap - Rinsed the basin using clean water again - Rinsed the basin with water from the culture unit	1 1 1 1		
ii. Counted the fingerings - Transferred the fingerlings from the culture unit into the second cleaned basin using a scooping net. - Repeated the procedure while tallying the number of scoops.	1 1		
iii. Estimated the total number of fingerlings			

- Calculated the total number of scoops made from the tally.	1		
- Calculated the volume of the scoop net depending on whether conical or cylindrical)	1		
<i>(Award 1 mark for correct substitution into the formula)</i>	1		
<i>(Award 1 marks or 0, for the correct answer</i>	1		
- Using the formula Total Count= Total number of scoops X The volume of the scoop net	1		
<i>(Award 1 mark for correct substitution in the formula)</i>	1		
<i>(Award 1 mark for the correct a</i>			
Su total	12		
TASK 2: Prepared feeding ration			
i. Weighed the fingerlings - A representative sample of tilapia fingerling was picked - The fingerling sample was weighed - The weight was recorded - The unit of measurement was recorded	1 1 1 1		
ii. Calculated 3% of body weight of the weighed representative sample. - Correct substitution into the formula - Correct answer given - Correct unit of measure included	1 1 1 1		

iii. Calculated the total amount of feed required per day - Amount of feed required per day = 3% of the body weight (Answer in (ii) above) - Correctly substituted the formula - Correct answer provided	1 1 1		
iv. Determined amount of feed required per feeding session - Stated the number of feeding times a day (2 or 3 times a day) - Calculated the amount of feed per session (by dividing by 2- for two times or dividing by 3 for three times) - Correct answer provided. - Correct unit of measure provided.	1 1 1 1		
Sub total	15		
TASK 3: Managed wastes			
i. Disposed wastes. • Sorted wastes • Disposed wastes in the correct bins (Used yellow bin) (Used red bin) (Used green bin)	1 1 1 1		
Sub total	4		
TASK 4: Washing and storage			
i. Frequently washed hands. • Washed hands with soap • Rinsed hands with clean water	1 1		
ii. Cleaned tools and equipment. • Washed tools and equipment • Disinfected tools and equipment	1 1		
3) Safely stored tools/equipment.			

- Sorted tools and equipment - Correctly stored tools and equipment	1 1		
Sub total	6		
GRAND TOTAL	42		

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