

083105T4AQC

AQUACULTURE MANAGEMENT LEVEL 5

AQ/OS/AT/CR/01/5/A

SET UP FISH POND

March/April 2025



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

PRACTICAL ASSESSMENT

INSTRUCTIONS TO ASSESSOR

1. Assess the candidate in as the practical progresses observing the critical areas
2. **Task (i)** should be performed by **individual candidates** while **Task (ii) and (iii)** should be performed in a **group of two** candidates.
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: Design a pond measuring 4m by 2m by 1m.			
1. Gathered the required material for designing. • Drawing paper • Pencil • Eraser • Ruler <i>(Award 1 mark each; Maximum of 4 marks)</i>	1 1 1 1		
2. Sketched the diagram of the pond ● Drew a sketch - <i>(award 2marks)</i> ● Labeled the i. lengths ii. width iii. height iv. Inlet v. Outlet <i>(award 1mark each).</i>	2 1 1 1 1 1		
Sub-Total 1	11		
TASK 2: SET UP A POND			
1. Wore PPEs as per the job requirements: • Apron • Gumboots	1 1		

• Gloves • Head gear/helmet <i>(Award 1 mark each)</i>	1 1		
2. Candidate identified and gathered the tools, equipment and materials: <i>(Award 2 marks or zero for gathering all tools, equipment and materials prior to the task).</i>	2		
3. Cleared vegetation on site, <i>(Award zero or 3 marks for clearing land/ attempting to remove any debris, stones or tree stumps from the site)</i>	3		
4. Cleared debris on site, <i>(Award zero or 3 marks for collecting the cleared debris)</i>	3		
5. Measured the length, width and the height on site as per the design <i>(Award 2 marks each for length, width and depth measurement as per the design or 1 mark each for length, width and depth measurement but not as per design).</i>	6		
6. Pegged the measured points on site as per the design/sketch <i>(Award 4 marks for pegging as per design or 2 marks for just pegging)</i>	4		
7. Constructed a perimeter core trench around the pond site, <i>(Award zero or 4 marks)</i>	4		
8. Removed and set aside the topsoil,			

• Removing the top soil. (Award zero or 3 marks) • Setting the top soil aside for planting of dyke grass) (Award zero or 3 marks)			
● Pond excavated based on design and the provided measurements – (Award 4 marks for excavation based on design and 2 marks for no design adherence)	4		
● Manually excavated the pond - 3 marks	3		
● Removed soil and spread uniformly around the pond - 3 marks	3		
● Leveled the pond wall - 3marks	3		
● Leveled the pond floor - 3 marks	3		
● Compacted the pond wall - 3 marks	3		
● Compacted the pond floor - 3 marks	3		
(Award zero or 2 marks, award a maximum of 2 marks)			
9. Confirmed the measurements after excavation as per the design. (Award zero or 2 marks)	2		
10. Using the top soil that was set aside, planted grass on the dyke tops. (Award 3 marks or zero for this activity)	3		
Sub- total 2	53		
Task 3: Using limestone, indicate the inlets and outlets of the pond.			
11. Marked the in-let at the highest point of the excavated pond, (Award zero or 2 marks) for marking the inlet point	2		
12. Marked the out let at the lowest point, (Award zero or 2 marks) for marked outlet;	2		

13. Cleaned and dried the tools and equipment (Award 1 mark each or zero for cleaning and drying tools and equipment).	2		
14. Stored tools (Award 1 mark or zero)	1		
15. Managed wastes (Award 1 mark each for collection, sorting and disposal of waste)	3		
Sub-total 3	10		
PRODUCT CHECKLIST			
16. Correct measurements	2		
17. Presence of inlet and outlet	2		
18. Clean water to the pond	2		
19. Prevention against predators	2		
20. Good workmanship	2		
Sub-Total 4	10		
GRAND TOTAL	73		
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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