

083106T4AQC

AQUACULTURE MANAGEMENT LEVEL 6

AQ/OS/AT/CR/01/6/A

Set Up Fish Farm

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

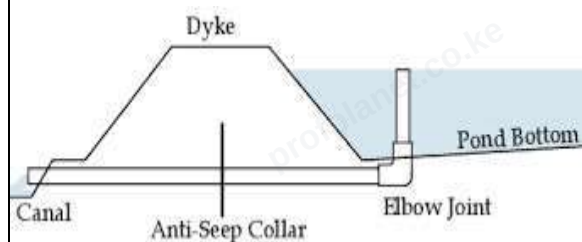
OBSERVATION CHECKLIST

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
WEAR PERSONAL PROTECTIVE EQUIPMENT			
1. Worn personal protective equipment • Gumboots • Dust coat	1 1		
<i>(Award 1 mark for each PPE worn × 2 = 2 mark)</i>			
PREPARE FOR CONSTRUCTION			
2. Identified and assembled the tools, mat and equipment required to carry out the			
<i>(Award 5 marks for activity = 5 marks)</i>			
3. Arranged the tools and equipment neatly in a manner easily accessible	2		
<i>(Award 2 marks for activity done = 2 marks)</i>			
TASK 1: MEASURE THE POND DYKE, CUT THE PIPES, JOIN THE PIPES AND FIT THE SCREEN			
4. Measured the Dyke Width and height • Determined the width of the dyke at the location where the outlet will be installed. • Determined the height of the dyke • Recorded the measurements	2 2 1		
<i>(Award 5 marks for activities done = 5 marks)</i>			
5. Cut the Pipe to Fit			

- Cut the pipe into two sections corresponding to the width and height of the dyke - Ensured the cut edges are straight and clean. (Award 8 marks for activities done=8 marks)	6		
	2		
6. Attached the Elbow Joint and screen - Joined the two pipes by fitting the elbow joint - Ensured a snug fit for the joint. - Fit the screen on the standpipe and secure it with rubber bands (Award 6 marks for activities done=6 marks)	2		
	2		
	2		
Sub-total 1	28		
TASK 2: CONSTRUCT THE OUTLET			
7. Excavated the Pond Wall - Cut through the dyke wall a chosen outlet location - Ensured the cut aligns with the diameter (Award 1 mark each activity done $\times 2 = 2$ marks)			
8. Fit the Pipe into the Dyke - Inserted the prepared outlet into the prepared location - Ensured it spans the whole width and height dyke (Award 2 marks for each activity done $\times 2 = 4$ marks)	2		
	2		
9. Backfilled and compacted the soil - Packed soil tightly around the pipe to prevent movement and compact the soil - Repeated the process until the cut area on the dyke is fully backfilled and compacted	5		
	5		

(Award 5 mark for each activity done $\times 2 = 10$ marks)

This is the cross-section of the dyke with the outlet installed



10. Cleared the working place			
Cleaned the equipment	2		
Dried the equipment	2		
Returned the equipment to the collection point	2		
Cleared the working area			
(Award 2 marks for activity done $\times 4 = 8$ marks)			

11. Disposed the waste safely			
Placed the wastes into the appropriate bins			
Observed safety and environmental hygiene	2		
(Award 2 marks each activity done $\times 2 = 4$ marks)			

12. Documented the activity			
Notes taken	2		
(Award 2 marks for the activity done = 2 marks)			

Sub-total 2	37		
Total	65		

PRODUCT CHECKLIST

13. After installation, the complete dyke should			
--	--	--	--

• Be compacted thoroughly to prevent collapse. • have no visible cracks, gaps, or weak points in the dyke • have uniform, straight and evenly leveled slope • be free from debris at the backfilled portion	2		
(Award 2 marks for each = 8 marks)			
14. The installed outlet should • Span the entire width of the dyke without misalignment. • Be sealed tightly with no gaps around the edges • The soil around the pipe should be compacted properly to hold the pipe securely in place • The pipe does not wobble	2		
(Award 2 marks for each = 8 marks)			
15. The screen installed should • be tight and properly positioned • have no loose edges/ gaps	2		
(Award 2 marks for each = 4 marks)			
Total	20		
Grand Total	85		
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
_____	_____