

083106T4AQC

AQUACULTURE TECHNICIAN LEVEL 6

AQ/OS/AT/CR/01/6/B

Set Up Fish Farm

Nov/Dec 2024



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

PRACTI

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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			
1. Wore PPEs: • Gumboots • Gloves • Mask • Apron/Wading suit <i>(Award 1 mark for each PPE worn)</i>	4		
2. Cleaned, arranged and organized working area/workshop/workbench. <i>(Award 2 marks for organizing the workspace into a working area and the writing area.)</i>			
3. Assembled all materials, tools and supplies as per the tasks involved. <i>(Award 3 marks for assembling all materials before beginning the task)</i>	3		
4. Designed the drainage component: sketched the component, labelled the 3m drainage pipe, elbow joint and 1.2m strand pipe indicating their measurements.	4		

<i>(Award 1 mark each for sketching and labelling the three components)</i>			
Sub-Total 1	13		
TASK 2: MEASURING AND CUTTING			
5. Using a tape measure, Measured 3m on the waste pipe, marked the point using a marker pen, cut the marked point, sanded using a sand paper to achieve a smooth edge and prevent injury and labelled the pipe as drainage pipe. <i>Accurate measurement of 3m – Award 1 mark</i> <i>Marking the 3m point using a marker p</i> <i>Award 1 mark</i> <i>Efficiently using the hacksaw to cut the ma</i> <i>point – Award 1 mark</i> <i>Sanding the cut edge to remove the burrs and achieve a clean cut – Award 1 mark</i> <i>Labelling the pipe “drainage pipe” – Award 1 mark</i>	5		
6. Using a tape measure, measured 1.2m on the remaining piece of the waste pipe, marked the point using a marker pen, cut the marked point, sanded using a sand paper to achieve a smooth edge and prevent injury and labelled the pipe. <i>Accurate measurement of 1.2m – Award 1 mark</i>	5		

<i>Marking the 1.2m point using a marker pen – Award 1 mark</i> <i>Efficiently using the hacksaw to cut the marked point – Award 1 mark</i> <i>Sanding the cut edge to remove the burrs and achieve a clean cut– Award 1 mark</i> <i>Labelling the pipe “stand pipe” – Award 1 mark</i>			
Sub-Total 2	10		
TASK 3: DRY FITTING			
7. Test fitted without the use of glue or any PVC adhesive. <i>(To one side of the elbow joint, fixed drainage pipe, checked the fitting and made adjustments by either sanding or cutting to make it levelled – award 2 marks</i> <i>To the other side of the elbow joint, fixed the stand pipe, checked if the fitting is intact, marked the connecting points and made adjustments by either sanding or cutting to make it levelled – award 2 marks)</i> <i>Disassembling in preparation for permanent assembling after ensuring that the parts are fitting well – award 1 mark</i>			
Sub-Total 3	5		
TASK 4: CEMENTING OF PVC AND FITTING			

8. Applied tangit/PVC glue on the outer side of the drainage pipe <i>(Award 2 marks for carefully applying glue)</i>	2		
9. Applied tangit/PVC glue on the inner side of one end of the 90 degrees elbow joint. <i>(Award 2 marks for carefully applying the tangit glue)</i>	2		
10. Pressed, twisted and held the connection for some time to ensure a strong bond <i>(Award 2 marks)</i>	2		
11. Fixed the unglued standpipe to unglued end of the elbow joint. <i>(Award 2 marks for fitting the stand thereby completing the drainage system component)</i>			
12. Testing; entails testing the assembly functionality and ensuring the standpipe can easily and securely be attached and detached when draining a pond <i>(Award 2 marks for testing the drainage component by fitting and unfitting the stand pipe)</i>	2		
13. Collected, cleaned and stored all the tools, equipment and materials used in the assembly.	3		

<i>(Award 1 mark each for collection, cleaning and storage of the materials in the right place.)</i>			
14. Collected, sorted and disposed of the wastes and debris generated during the task leaving the installation area clean. <i>(Award 1 mark each for waste collection, sorting them into categories and disposal.)</i>	3		
Sub-Total 4	18		
GRAND TOTAL	46		

ASSESSMENT OUTCOME

The candidate was found to be:

Competent

(Please tick as appropriate)

(The candidate is competent if the candidate is competent for at least 50%)

Not yet Competent

(The candidate is not competent for at least 50%)

Feedback from the Candidate:

Feedback to the Candidate:

Candidate Signature

Date:

Assessor's Signature

Date
