

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	
Competency Standards	Apply Sampling Technique
Assessment Task	Collect Samples for soil, fertilizer and water from field

I can.....

Performance Criteria	Yes	No
1. Arrange tools for sampling as per requirements.	<input type="checkbox"/>	<input type="checkbox"/>
2. Collect sub-samples of given site as per random sampling techniques	<input type="checkbox"/>	<input type="checkbox"/>
3. Collect sub-samples of given site as per Zone based sampling techniques	<input type="checkbox"/>	<input type="checkbox"/>
4. Collect sub-samples of given site as per Grid sampling techniques	<input type="checkbox"/>	<input type="checkbox"/>
5. Collect sub-samples of given site as per stratified sampling techniques	<input type="checkbox"/>	<input type="checkbox"/>
6. Make a composite sample by mixing all site sub-samples, then draw a representative sample for laboratory testing	<input type="checkbox"/>	<input type="checkbox"/>
7. Collect Surface water sample employing time-based technique as per test requirement.	<input type="checkbox"/>	<input type="checkbox"/>
8. Collect Surface water sample employing flow-based technique as per given standard.	<input type="checkbox"/>	<input type="checkbox"/>
9. Collect Surface water sample employing depth-based technique as per given standard.	<input type="checkbox"/>	<input type="checkbox"/>
10. Collect groundwater samples as per SOP and record all details on the bottle label.	<input type="checkbox"/>	<input type="checkbox"/>
11. Collect representative samples of fertilizer as per SOP.	<input type="checkbox"/>	<input type="checkbox"/>
12. Label sample as per standard procedure	<input type="checkbox"/>	<input type="checkbox"/>

13. Transport sample to laboratory as per SOP	<input type="checkbox"/>	<input type="checkbox"/>
14. Ensure First Aid Box	<input type="checkbox"/>	<input type="checkbox"/>
15. Ensure PPE for sampling	<input type="checkbox"/>	<input type="checkbox"/>
16. Adopt standard procedure for visiting out field	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature_____

Assessor's Signature_____

Date: _____

Instruction Sheet for the Candidate

Qualification	National Vocational Certificate level 2 to 5, in Agriculture Sector (Soil, water and fertilizer testing lab technician)
Competency Standard(s)	Apply Sampling Techniques
Candidate Details	Name_____ Registration/Roll Number_____
Guidance for Candidate	To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment): Collect Samples for soil, fertilizer and water from field
Time:180 mins	<p>During a practical assessment, under observation by an assessor, you are required to Collect Samples for soil, fertilizer and water from field. Demonstrate the following criteria:</p> <ol style="list-style-type: none"> 1. Arrange tools for sampling as per requirements. 2. Collect sub-samples of given site as per random sampling techniques 3. Collect sub-samples of given site as per Zone based sampling techniques 4. Collect sub-samples of given site as per Grid sampling techniques 5. Collect sub-samples of given site as per stratified sampling techniques 6. Make a composite sample by mixing all site sub-samples, then draw a representative sample for laboratory testing 7. Collect Surface water sample employing time-based technique as per test requirement. 8. Collect Surface water sample employing flow-based technique as per given standard. 9. Collect Surface water sample employing depth-based technique as per given standard.
Minimum Evidence Required	

	<ol style="list-style-type: none">10. Collect groundwater samples as per SOP and record all details on the bottle label.11. Collect representative samples of fertilizer as per SOP.12. Label sample as per standard procedure13. Transport sample to laboratory as per SOP14. Ensure First Aid Box15. Ensure PPE for sampling16. Adopt standard procedure for visiting out field
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Assessors Judgment Guide

Qualification	National Vocational Certificate level 2 to 5, in Agriculture Sector (Soil, water and fertilizer testing lab technician)
Competency Standard(s)	Apply Sampling techniques
Candidate Details	Name: _____ Registration/Roll Number: _____ Signature: _____
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor _____ Assessor's code: _____ Signature: _____

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
Nature of Activity	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Practical Skill Demonstration			✓				
Knowledge Assessment		✓					
Other Requirement							

Observation Checklist

Assessment Task				
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Arranged tools for sampling as per requirements.			
2.	Collected sub-samples of given site as per random sampling techniques			
3.	Collected sub-samples of given site as per Zone based sampling techniques			
4.	Collected sub-samples of given site as per Grid sampling techniques			
5.	Collected sub-samples of given site as per stratified sampling techniques			
6.	Made composite sample by mixing all site sub-samples, then draw a representative sample for laboratory testing			
7.	Collected Surface water sample employing time-based technique as per test requirement.			
8.	Collected Surface water sample employing flow-based technique as per given standard.			
9.	Collected Surface water sample employing depth-based technique as per given standard.			
10.	Collected groundwater samples as per SOP and record all details on the bottle label.			
11.	Collected representative samples of fertilizer as per SOP.			
12.	Labeled sample as per standard procedure			
13.	Transported sample to laboratory as per SOP			
14.	Ensured First Aid Box			
15.	Ensured PPE for sampling			
16.	Adopted standard procedure for visiting out field			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Feedback to the Candidate	
Candidate's Signature	Assessor's Signature