

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	National Vocational Certificate level 2 to 5, in Agriculture Sector (Soil, water and fertilizer testing lab technician)
Competency Standards	Execute Pre-Sampling Operations
Assessment Task	Demonstrate pre sampling process for collection of representative soil, water and fertilizer sample as per given format

I can.....

Performance Criteria	Yes	No
1. Demonstrate scope and objectives of sampling as per project/assessment objectives	<input type="checkbox"/>	<input type="checkbox"/>
2. Figure out purpose for which various types of samples will be collected	<input type="checkbox"/>	<input type="checkbox"/>
3. Review site files and field folders. (Site location, description and access, and review any previously collected physical, chemical, and biological data.)	<input type="checkbox"/>	<input type="checkbox"/>
4. Follow sampling design and sample size instructions as required	<input type="checkbox"/>	<input type="checkbox"/>
5. Follow standard methods for sampling	<input type="checkbox"/>	<input type="checkbox"/>
6. Plan field visits as per given task	<input type="checkbox"/>	<input type="checkbox"/>
7. Make checklist for pre-sampling, sampling and post sampling preparations as per requirement	<input type="checkbox"/>	<input type="checkbox"/>
8. Select sampling tool kit as per sampling plan	<input type="checkbox"/>	<input type="checkbox"/>
9. Check field equipment to perform accurate field measurements	<input type="checkbox"/>	<input type="checkbox"/>
10. Check Maps, distance measuring equipment, global positioning systems, or other location determining equipment	<input type="checkbox"/>	<input type="checkbox"/>
11. Document all information regarding location, depth, type, previous crop, GPS coordinates and anything unusual/notable around the sampling site/source.	<input type="checkbox"/>	<input type="checkbox"/>
12. Note Point and nonpoint sources of contamination and depth for water sampling	<input type="checkbox"/>	<input type="checkbox"/>

13. Document physical and meteorological conditions	<input type="text"/>	<input type="text"/>
14. Ensure signatures or initials of appropriate field personnel with date on document	<input type="text"/>	<input type="text"/>

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)	Execute Pre-Sampling Operations
Candidate Details	
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):</p> <p>Demonstrate pre sampling process for collection of representative soil, water and fertilizer sample as per given format</p>
Time:240 Mins	<p>During a practical assessment, under observation by an assessor, you are required to</p> <p>Demonstrate pre sampling process for collection of representative soil, water and fertilizer sample as per given format</p> <p>Demonstrate the following criteria:</p> <ol style="list-style-type: none"> 1. Demonstrate scope and objectives of sampling as per project/assessment objectives 2. Figure out purpose for which various types of samples will be collected 3. Review site files and field folders. (Site location, description and access, and review any previously collected physical, chemical, and biological data.) 4. Follow sampling design and sample size instructions as required 5. Follow standard methods for sampling

Minimum Evidence Required	<ol style="list-style-type: none"> 6. Plan field visits as per given task 7. Make checklist for pre-sampling, sampling and post sampling preparations as per requirement 8. Select sampling tool kit as per sampling plan 9. Check field equipment to perform accurate field measurements 10. Check Maps, distance measuring equipment, global positioning systems, or other location determining equipment 11. Document all information regarding location, depth, type, previous crop, GPS coordinates and anything unusual/notable around the sampling site/source. 12. Note Point and nonpoint sources of contamination and depth for water sampling 13. Document physical and meteorological conditions 14. Ensure signatures or initials of appropriate field personnel with date on document
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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)	Execute Pre-Sampling Operations
Candidate Details	Name: _____ Registration/Roll Number: _____ Signature: _____
Assessment Outcome	<div style="display: flex; justify-content: space-around; align-items: center;"> COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> </div> 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		Demonstrate pre sampling process for collection of representative soil, water and fertilizer sample as per given format		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Demonstrated scope and objectives of sampling as per project/assessment objectives			
2.	Figured out purpose for which various types of samples will be collected			
3.	Reviewed site files and field folders. (Site location, description and access, and review any previously collected physical, chemical, and biological data.)			
4.	Followed sampling design and sample size instructions as required			
5.	Followed standard methods for sampling			
6.	Planed field visits as per given task			
7.	Made checklist for pre-sampling, sampling and post sampling preparations as per requirement			
8.	Selected sampling tool kit as per sampling plan			
9.	Checked field equipment to perform accurate field measurements			
10	Checked Maps, distance measuring equipment, global positioning systems, or other location determining equipment			
11	Documented all information regarding location, depth, type, previous crop, GPS coordinates and anything unusual/notable around the sampling site/source.			

12	Noted Point and nonpoint sources of contamination and depth for water sampling			
13	Documented physical and meteorological conditions			
14	Ensured signatures or initials of appropriate field personnel with date on document			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Feedback to the Candidate	
Candidate's Signature_____	Assessor's Signature_____