

Knowledge Assessment

Qualification	National Vocational Certificate level 2 to 5, in Agriculture Sector (Soil, water and fertilizer testing lab technician)
Competency Standard	Perform Ammonical Nitrogen In <i>Solid, Liquid</i> and Mixed Fertilizer By Kjeldahl Method
Purpose of Assessment	
Candidate Details	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: _____ Assessor's code: _____ Signature of the Assessor: _____

Candidate's response is not required to be identical, but similar concepts and/or keywords must be used. Oral questioning may be used to clarify candidate understanding of topic and its application.

Perform Uric/Urease nitrogen (n) in solid, liquid and mixed fertilizer by kjeldahl method

Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)		Satisfactory	Not Satisfactory
1.	Name major equipments used for performing Ammonical Nitrogen test?		
2.	Is Nitrogen available in liquid fertilizer?		
3.	Define sample digestion?		
4.	What is distillation		

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

Key

National Vocational Certificate level 2 to 5, in **Agriculture Sector (Soil, Water and Fertilizer Testing Lab Technician)**

Perform Uric/Urease nitrogen (n) in solid, liquid and mixed fertilizer by kjeldahl method

Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)		Satisfactory	Not Satisfactory
1.	Name major equipments used for performing Ammonical Nitrogen test?		
	Kjeldahl Apparatus		
2.	Is Nitrogen available in liquid fertilizer?		
	Yes/No		
3.	Define sample digestion?		
	Process of decomposing solid sample into liquid state by dissolving it using reagents		
4.	What is distillation		
	When a liquid or solid sample is volatilized to produce a vapor that is subsequently condensed to a liquid again		