

Knowledge Assessment

Qualification	National Vocational Certificate level 2 to 5, in Agriculture Sector (Soil, water and fertilizer testing lab technician)
Competency Standard	Perform Soil Micronutrient Test
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.

Execute Pre-Sampling Operations

Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)		Satisfactory	Not Satisfactory
1.	I. Tick the false statement.		
	<ul style="list-style-type: none"> • Micronutrients are required in large quantities. • Iron is a micronutrient. • Cu is a micronutrient. 		
2.	Name reagent used in this process?		
	<ul style="list-style-type: none"> • DTPA 		
3.	Write down the optimal pH of solutions for better results in this process?		
	7.3		
4.	I. Enlist 5 essential micronutrients for plant growth?		
	<ul style="list-style-type: none"> • Boron (B), Chlorine (Cl), Copper (Cu), Iron (Fe), Manganese (Mn), Molybdenum (Mo), and Zinc (Zn) 		
5.	Write down the name of instrument used for analysis?		
	<ul style="list-style-type: none"> • Atomic Absorption Spectrophotometer 		

6.	Write down the abbreviation of MSDS.		
	<ul style="list-style-type: none"> Material Safety Data Sheet 		
Feedback to the Candidate			
Candidate's Signature _____ Assessor's Signature _____			