

## Instruction Sheet for the Candidate

<b>Qualification</b>	Tunnel Farming, Greenhouse & Agribusiness (Level-5)
<b>Competency Standard</b>	Perform installation of fertigation system
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name_____
	Registration/Roll Number_____
<b>Guidance for Candidate</b>	<p><b>To meet this standard, you are required to complete the following within time frame (for practical demonstration &amp; assessment):</b></p> <ol style="list-style-type: none"> <li>1. Prepare work plan for fertigation system installation</li> <li>2. Perform Fertigation system installation</li> </ol>
<b>Time: 03 Hrs.</b>	During a practical assessment, under observation by an assessor, you are required to:
<b>Minimum Evidence Required</b>	<p><b>1. Prepare work plan for fertigation system installation</b></p> <ul style="list-style-type: none"> <li>• Identify and arrange tools required for fertigation system installation</li> <li>• Prepare work plan for required task</li> <li>• Adopt precautionary measures regarding personnel health and safety as per standard</li> </ul> <p><b>2. Perform Fertigation system installation</b></p> <ul style="list-style-type: none"> <li>• Identify and arrange required tools and equipment</li> <li>• Arrange materials required for fertigation system</li> <li>• Perform conventional installation of fertigation system</li> <li>• Perform modern installation of Fertigation system</li> </ul>

## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	Tunnel Farming, Greenhouse & Agribusiness (Level-5)
<b>Competency Standard</b>	Perform installation of fertigation system

<b>Purpose of Assessment</b>	Formative Assessment
<b>Assessment Task</b>	1. Prepare work plan for fertigation system installation 2. Perform Fertigation system installation

I can.....

<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
1. Identify and arrange tools required for Nutrition management.	<input type="checkbox"/>	<input type="checkbox"/>
2. Prepare work plan for required task	<input type="checkbox"/>	<input type="checkbox"/>
3. Adopt precautionary measures regarding personnel health and safety as per standards	<input type="checkbox"/>	<input type="checkbox"/>
4. Identify and arrange required tools and equipment	<input type="checkbox"/>	<input type="checkbox"/>
5. Arrange materials required for fertigation system	<input type="checkbox"/>	<input type="checkbox"/>
6. Perform conventional installation of fertigation system	<input type="checkbox"/>	<input type="checkbox"/>
7. Perform modern installation of Fertigation system	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature\_\_\_\_\_ Assessor's Signature\_\_\_\_\_

Date: \_\_\_\_\_

## Assessors Judgment Guide

<b>Qualification</b>	Tunnel Farming, Greenhouse & Agribusiness (Level-5)
<b>Competency Standard</b>	Perform installation of fertigation system
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Signature: _____
<b>Assessment Outcome</b>	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

<b>Assessment Task</b>	1. Prepare work plan for fertigation system installation 2. Perform Fertigation system installation			
<b>During the practical assessment, candidate demonstrated the following:</b>		<b>Yes</b>	<b>No</b>	<b>Remarks</b>
1.	Identify and arrange tools required for Nutrition management.	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Prepare work plan for required task	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Adopt precautionary measures regarding personnel health and safety as per standards	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Identify and arrange required tools and equipment	<input type="checkbox"/>	<input type="checkbox"/>	
5.	Arrange materials required for fertigation system	<input type="checkbox"/>	<input type="checkbox"/>	
6.	Perform conventional installation of fertigation system	<input type="checkbox"/>	<input type="checkbox"/>	
7.	Perform modern installation of Fertigation system	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Competent</b> <input type="checkbox"/>		<b>Not Yet Competent</b> <input type="checkbox"/>		

## Knowledge Assessment

<b>Qualification</b>	Tunnel Farming, Greenhouse & Agribusiness (Level-5)
<b>Competency Standard</b>	Manage Soil Fertility
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____

<b>Assessment Outcome</b>	<b>COMPETENT</b> <input type="checkbox"/>	<b>NOT YET COMPETENT</b> <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.

<b>Questions</b> (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)		<b>Satisfactory</b>	<b>Not Satisfactory</b>
1.	What are the basic fertilizers as per crop requirement?		
2.	What is the work plan for fertigation installation?		
3.	Differentiate between conventional and modern fertigation system?		
4.	What are the materials required for fertigation system?		
5.	Discuss health and safety protocols involved?		


<b>Feedback to the Candidate</b>	
<b>Candidate's Signature</b> _____	<b>Assessor's Signature</b> _____