

## Instruction Sheet for the Candidate

<b>Qualification</b>	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
<b>Competency Standard</b>	Operate greenhouse components
<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. Understand working of various Green House Components</li> <li>2. Operate environmental controlling components</li> <li>3. Operate Processing Component</li> <li>4. Operate irrigation systems.</li> </ol>
<b>Time: 03 Hrs.</b>	<p>During a practical assessment, under observation by an assessor, you are required to :</p> <ul style="list-style-type: none"> <li>• <b>Understand working of various Green House Components</b> <ol style="list-style-type: none"> <li>1. Identify different types of green house.</li> <li>2. Identify suitability as per crop requirement.</li> </ol> </li> <li>3. Identify and arrange power source to fulfill energy requirements</li> <li>• <b>Operate environmental controlling components</b> <ol style="list-style-type: none"> <li>1. Perform understanding of different equipment used for controlling micro climate.</li> <li>2. perform measures to control Humidity in green house</li> <li>3. Perform measures to control Temperature in the green house.</li> </ol> </li> <li>4. Ensure Hygienic conditions at the work place</li> <li>5. Ensure health and safety standards</li> <li>• <b>Operate Processing Component</b> <ol style="list-style-type: none"> <li>1. Perform identification of processing components of green house</li> <li>2. Perform operation of processing of components of green houses.</li> </ol> </li> <li>3. Ensure PPEs and maintain hygienic conditions at workplace.</li> <li>• <b>Operate irrigation systems.</b> <ol style="list-style-type: none"> <li>1. Perform Identification irrigation systems as per conditions</li> <li>2. Perform operation of irrigation types as per standard.</li> <li>3. Ensure PPEs and maintain hygienic conditions at workplace.</li> </ol> </li> </ul>
<b>Minimum Evidence Required</b>	

## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
<b>Competency Standard</b>	Operate greenhouse components
<b>Purpose of Assessment</b>	Formative Assessment
<b>Assessment Task</b>	<ol style="list-style-type: none"> <li>1. Understand working of various Green House Components</li> <li>2. Operate environmental controlling components</li> <li>3. Operate Processing Component</li> <li>4. Operate irrigation systems.</li> </ol>

I can.....

Performance Criteria	Yes	No
1. Identify different types of green house.	<input type="checkbox"/>	<input type="checkbox"/>
2. Identify suitability as per crop requirement.	<input type="checkbox"/>	<input type="checkbox"/>
3. Identify and arrange power source to fulfill energy requirements	<input type="checkbox"/>	<input type="checkbox"/>
4. Perform understanding of different equipment used for controlling micro climate..	<input type="checkbox"/>	<input type="checkbox"/>
5. perform measures to control Humidity in green house	<input type="checkbox"/>	<input type="checkbox"/>
6. Perform measures to control Temperature in the green house	<input type="checkbox"/>	<input type="checkbox"/>
7. Ensure health and safety standards	<input type="checkbox"/>	<input type="checkbox"/>
8. Perform identification of processing components of green house	<input type="checkbox"/>	<input type="checkbox"/>
9. Perform operation of processing of components of green houses	<input type="checkbox"/>	<input type="checkbox"/>
10. Ensure PPEs and maintain hygienic conditions at workplace	<input type="checkbox"/>	<input type="checkbox"/>
11. Perform Identification irrigation systems as per conditions	<input type="checkbox"/>	<input type="checkbox"/>
12. Perform operation of irrigation types as per standard	<input type="checkbox"/>	<input type="checkbox"/>
13. Ensure PPEs and maintain hygienic conditions at workplace	<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>	Operate Greenhouse components
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Signature: _____
<b>Assessment Outcome</b>	<div style="display: flex; justify-content: space-around; align-items: center;"> <span>COMPETENT <input type="checkbox"/></span> <span>NOT YETCOMPETENT <input type="checkbox"/></span> </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

<b>Assessment Task</b>	1. Monitor the greenhouse 2. Maintain greenhouse structure			
<b>During the practical assessment, candidate demonstrated the following:</b>		<b>Yes</b>	<b>No</b>	<b>Remarks</b>
1.	Identify different types of green house.	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Identify suitability as per crop requirement.	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Identify and arrange power source to fulfill energy requirements.	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Perform understanding of different equipment used for controlling micro climate.	<input type="checkbox"/>	<input type="checkbox"/>	
5.	perform measures to control Humidity in green house	<input type="checkbox"/>	<input type="checkbox"/>	
6.	Perform measures to control Temperature in the green house.	<input type="checkbox"/>	<input type="checkbox"/>	
7.	Ensure Hygienic conditions at the work place	<input type="checkbox"/>	<input type="checkbox"/>	
8.	Perform identification of processing components of green house	<input type="checkbox"/>	<input type="checkbox"/>	
9.	Perform operation of processing of components of green houses.	<input type="checkbox"/>	<input type="checkbox"/>	
10.	Ensure PPEs and maintain hygienic conditions at workplace.	<input type="checkbox"/>	<input type="checkbox"/>	
11.	Perform Identification irrigation systems as per conditions	<input type="checkbox"/>	<input type="checkbox"/>	
12.	Perform operation of irrigation types as per standard.	<input type="checkbox"/>	<input type="checkbox"/>	
13.	Ensure PPEs and maintain hygienic conditions at workplace.	<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>	Operate Greenhouse Component
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
<b>Assessment Outcome</b>	<div style="display: flex; justify-content: space-around; align-items: center;"> <span><b>COMPETENT</b> <input type="checkbox"/></span> <span><b>NOT YET COMPETENT</b> <input type="checkbox"/></span> </div> 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.

Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)		Satisfactory	Not Satisfactory
1.	What are the different types of green house?		
2.	What is the micro climate?		
3.	How temperature and humidity is maintained in Greenhouse?		

4.	Name the processing components of green house?		
5.	How irrigation is done in greenhouse?		

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