

## Instruction Sheet for the Candidate

<b>Qualification</b>	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
<b>Competency Standard</b>	Maintain Environment for Healthy crop
<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 for work plan</li> <li>2. Maintain required humidity level in poly-house</li> <li>3. Maintain required temperature in poly-house</li> <li>4. Maintain daylength in poly-house</li> </ol>
<b>Time: 03 Hrs.</b>	<ol style="list-style-type: none"> <li><b>1. Prepare for work plan</b> <ul style="list-style-type: none"> <li>• Identify and arrange required tools for measuring environmental conditions</li> <li>• Perform calibration of instruments if required</li> <li>• Perform quality checks</li> <li>• Prepare plan for required task</li> <li>• Ensure required safety standards</li> </ul> </li> <li><b>2. Maintain required humidity level in poly-house</b> <ul style="list-style-type: none"> <li>• Identify and arrange tools required to maintain humidity</li> <li>• Perform calibration of required equipment</li> <li>• Measure humidity level in required poly-house according to standard method</li> <li>• Maintain required humidity level using standard procedure</li> <li>• Ensure healthy environment for crop production</li> <li>• Maintain records</li> <li>• Ensure safety standards involved in process</li> </ul> </li> <li><b>3. Maintain required temperature in poly-house</b> <ul style="list-style-type: none"> <li>• Identify and arrange tools and equipment required to maintain temperature</li> <li>• Perform calibration of required equipment</li> </ul> </li> </ol>
<b>Minimum Evidence Required</b>	

	<ul style="list-style-type: none"> <li>• Measure temperature in required poly-house according to standard method</li> <li>• Maintain required temperature using standard procedure</li> <li>• Ensure healthy environment for crop production</li> <li>• Maintain records</li> <li>• Ensure safety standards involved in process</li> </ul> <p><b>Maintain daylength in poly-house</b></p> <ul style="list-style-type: none"> <li>• Measure day-length in required poly-house according to standard method</li> <li>• Maintain required day-length using standard procedure</li> <li>• Maintain records</li> <li>• Ensure safety standards involved in process</li> </ul>
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## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
<b>Competency Standard</b>	Maintain Environment for Healthy crop
<b>Purpose of Assessment</b>	Formative Assessment
<b>Assessment Task</b>	<ol style="list-style-type: none"> <li>1. Prepare for work plan</li> <li>2. Maintain required humidity level in poly-house</li> <li>3. Maintain required temperature in poly-house</li> <li>4. Maintain daylength in poly-house</li> </ol>

I can.....

<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
1. Identify and arrange required tools for measuring environmental conditions	<input type="checkbox"/>	<input type="checkbox"/>
2. Perform calibration of instruments if required	<input type="checkbox"/>	<input type="checkbox"/>
3. Perform quality checks	<input type="checkbox"/>	<input type="checkbox"/>
4. Prepare plan for required task	<input type="checkbox"/>	<input type="checkbox"/>

5. Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>
6. Identify and arrange tools required to maintain humidity	<input type="checkbox"/>	<input type="checkbox"/>
7. Perform calibration of required equipment	<input type="checkbox"/>	<input type="checkbox"/>
8. Measure humidity level in required poly-house according to standard method	<input type="checkbox"/>	<input type="checkbox"/>
9. Maintain required humidity level using standard procedure	<input type="checkbox"/>	<input type="checkbox"/>
10. Ensure healthy environment for crop production	<input type="checkbox"/>	<input type="checkbox"/>
11. Maintain records	<input type="checkbox"/>	<input type="checkbox"/>
12. Ensure safety standards involved in process	<input type="checkbox"/>	<input type="checkbox"/>
13. Identify and arrange tools and equipment required to maintain temperature	<input type="checkbox"/>	<input type="checkbox"/>
14. Perform calibration of required equipment	<input type="checkbox"/>	<input type="checkbox"/>
15. Measure temperature in required poly-house according to standard method	<input type="checkbox"/>	<input type="checkbox"/>
16. Maintain required temperature using standard procedure	<input type="checkbox"/>	<input type="checkbox"/>
17. Ensure healthy environment for crop production	<input type="checkbox"/>	<input type="checkbox"/>
18. Maintain records	<input type="checkbox"/>	<input type="checkbox"/>
19. Ensure safety standards involved in process	<input type="checkbox"/>	<input type="checkbox"/>
20. Identify and arrange tools and equipment required to maintain temperature	<input type="checkbox"/>	<input type="checkbox"/>
21. Measure day-length in required poly-house according to standard method	<input type="checkbox"/>	<input type="checkbox"/>
22. Maintain required day-length using standard procedure	<input type="checkbox"/>	<input type="checkbox"/>
23. Maintain records	<input type="checkbox"/>	<input type="checkbox"/>
24. Perform post management and care	<input type="checkbox"/>	<input type="checkbox"/>
25. Ensure safety standards involved in process	<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>	Maintain Environment for Healthy crop
<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 for work plan 2. Maintain required humidity level in poly-house 3. Maintain required temperature in poly-house 4. Maintain daylength in poly-house			
<b>During the practical assessment, candidate demonstrated the following:</b>		<b>Yes</b>	<b>No</b>	<b>Remarks</b>
1.	Identify and arrange required tools for measuring environmental conditions	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Perform calibration of instruments if required	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Perform quality checks	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Prepare plan for required task	<input type="checkbox"/>	<input type="checkbox"/>	
5.	Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
6.	Identify and arrange tools required to maintain humidity	<input type="checkbox"/>	<input type="checkbox"/>	
7.	Perform calibration of required equipment	<input type="checkbox"/>	<input type="checkbox"/>	
8.	Measure humidity level in required poly-house according to standard method	<input type="checkbox"/>	<input type="checkbox"/>	
9.	Maintain required humidity level using standard procedure	<input type="checkbox"/>	<input type="checkbox"/>	
10.	Ensure healthy environment for crop production	<input type="checkbox"/>	<input type="checkbox"/>	
11.	Maintain records	<input type="checkbox"/>	<input type="checkbox"/>	
12.	Ensure safety standards involved in process	<input type="checkbox"/>	<input type="checkbox"/>	
13.	Identify and arrange tools and equipment required to maintain temperature	<input type="checkbox"/>	<input type="checkbox"/>	
14.	Perform calibration of required equipment	<input type="checkbox"/>	<input type="checkbox"/>	
15.	Measure temperature in required poly-house according to standard method	<input type="checkbox"/>	<input type="checkbox"/>	
16.	Maintain required temperature using standard procedure	<input type="checkbox"/>	<input type="checkbox"/>	
17.	Ensure healthy environment for crop production	<input type="checkbox"/>	<input type="checkbox"/>	

18.	Maintain records	<input type="text"/>	<input type="text"/>	
19.	Ensure safety standards involved in process	<input type="text"/>	<input type="text"/>	
20.	Identify and arrange tools and equipment required to maintain temperature	<input type="text"/>	<input type="text"/>	
21.	Measure day-length in required poly-house according to standard method	<input type="text"/>	<input type="text"/>	
22.	Maintain required day-length using standard procedure	<input type="text"/>	<input type="text"/>	
23.	Maintain records	<input type="text"/>	<input type="text"/>	
24.	Perform post management and care			
25.	Ensure safety standards involved in process			
Competent <input type="checkbox"/>		NOT YET COMPETENT <input type="checkbox"/>		

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<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.	How to maintain environment for healthy crop?		
2.	Define crop and environment?		
3.	Difference between humidity and temperature?		
4.	How to maintain humidity for poly house?		
5.	How to maintain temperature for poly house		

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