

## Instruction Sheet for the Candidate

<b>Qualification</b>	Tunnel Farming, Greenhouse & Agribusiness (Level-5)
<b>Competency Standard</b>	Install high Tunnel
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name_____ Registration/Roll Number_____
<b>Guidance for Candidate</b>	<b>To meet this standard, you are required to complete the following within time frame (for practical demonstration &amp; assessment):</b> <ol style="list-style-type: none"> <li>1. Prepare work plan for high tunnel installation</li> <li>2. Perform transportation of installation materials for high tunnel</li> <li>3. Implement layout plan as per design</li> <li>4. Perform installation of bamboo/mulberry structure for high tunnel</li> <li>5. Perform installation of iron structure for high tunnel</li> </ol>
<b>Time: 03 Hrs.</b>	During a practical assessment, under observation by an assessor, you are required to: <ol style="list-style-type: none"> <li><b>1. Prepare work plan for high tunnel installation</b> <ul style="list-style-type: none"> <li>• Identify and arrange required tools and equipment before installation</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. Perform transportation of installation materials for high tunnel</b> <ul style="list-style-type: none"> <li>• Ensure safe loading of material</li> <li>• Ensure safe transport of material for installation at site as per recommendation</li> <li>• Ensure safe unloading of material</li> <li>• Ensure safe placement of material at site.</li> <li>• Ensure PPEs.</li> </ul> </li> <li><b>3. Implement layout plan as per design</b> <ul style="list-style-type: none"> <li>• Understanding of layout design</li> <li>• Demarcation on site before installation</li> <li>• Perform placement of material in field as per recommendation</li> <li>• Ensure PPEs.</li> </ul> </li> </ol>
<b>Minimum Evidence Required</b>	

	<p><b>4. Perform installation of bamboo/mulberry structure for high tunnel</b></p> <ul style="list-style-type: none"> <li>• Install the bamboo/mulberry sticks in field as per recommendation</li> <li>• Perform fixing of sticks with plastic wire.</li> <li>• Perform polythene plastic covering as per recommendation.</li> <li>• Perform post installation practices as per standards</li> <li>• Ensure PPEs.</li> </ul> <p><b>5. Perform installation of iron structure for high tunnel</b></p> <ul style="list-style-type: none"> <li>• Install the iron rod in field as per recommendation</li> <li>• Perform fixing of sticks with suitable wire.</li> <li>• Perform polythene plastic covering as per recommendation.</li> <li>• Perform post installation practices as per standards</li> <li>• Ensure PPEs.</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>	Install high Tunnel
<b>Purpose of Assessment</b>	Formative Assessment
<b>Assessment Task</b>	<ol style="list-style-type: none"> <li>1. Prepare work plan for high tunnel installation</li> <li>2. Perform transportation of installation materials for high tunnel</li> <li>3. Implement layout plan as per design</li> <li>4. Perform installation of bamboo/mulberry structure for high tunnel</li> <li>5. Perform installation of iron structure for high tunnel</li> </ol>

I can.....

<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
1. Identify and arrange required tools and equipment before installation	<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. Ensure safe loading of material	<input type="checkbox"/>	<input type="checkbox"/>
7. Ensure safe transport of material for installation at site as	<input type="checkbox"/>	<input type="checkbox"/>

per recommendation		
8. Ensure safe unloading of material	<input type="checkbox"/>	<input type="checkbox"/>
9. Ensure safe placement of material at site.	<input type="checkbox"/>	<input type="checkbox"/>
10. Ensure PPEs.	<input type="checkbox"/>	<input type="checkbox"/>
11. Understanding of layout design	<input type="checkbox"/>	<input type="checkbox"/>
12. Demarcation on site before installation	<input type="checkbox"/>	<input type="checkbox"/>
13. Demarcation on site before installation	<input type="checkbox"/>	<input type="checkbox"/>
14. Perform placement of material in field as per recommendation	<input type="checkbox"/>	<input type="checkbox"/>
15. Ensure PPEs.	<input type="checkbox"/>	<input type="checkbox"/>
16. Install the bamboo/mulberry sticks in field as per recommendation	<input type="checkbox"/>	<input type="checkbox"/>
17. Perform fixing of sticks with plastic wire.	<input type="checkbox"/>	<input type="checkbox"/>
18. Perform polythene plastic covering as per recommendation.	<input type="checkbox"/>	<input type="checkbox"/>
19. Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>
20. Ensure PPEs.	<input type="checkbox"/>	<input type="checkbox"/>
21. Install the iron rod in field as per recommendation	<input type="checkbox"/>	<input type="checkbox"/>
22. Perform fixing of sticks with suitable wire.	<input type="checkbox"/>	<input type="checkbox"/>
23. Perform polythene plastic covering as per recommendation.	<input type="checkbox"/>	<input type="checkbox"/>
24. Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>
25. Ensure PPEs.	<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>	Install high Tunnel
<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 high tunnel installation 2. Perform transportation of installation materials for high tunnel 3. Implement layout plan as per design 4. Perform installation of bamboo/mulberry structure for high tunnel 5. Perform installation of iron structure for high tunnel			
<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 and equipment before installation	<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.	Ensure safe loading of material	<input type="checkbox"/>	<input type="checkbox"/>	
7.	Ensure safe transport of material for installation at site as per recommendation	<input type="checkbox"/>	<input type="checkbox"/>	
8.	Ensure safe unloading of material	<input type="checkbox"/>	<input type="checkbox"/>	
9.	Ensure safe placement of material at site.	<input type="checkbox"/>	<input type="checkbox"/>	
10.	Ensure PPEs	<input type="checkbox"/>	<input type="checkbox"/>	
11.	Understanding of layout design	<input type="checkbox"/>	<input type="checkbox"/>	
12.	Demarcation on site before installation	<input type="checkbox"/>	<input type="checkbox"/>	
13.	Demarcation on site before installation	<input type="checkbox"/>	<input type="checkbox"/>	
14.	Perform placement of material in field as per recommendation	<input type="checkbox"/>	<input type="checkbox"/>	
15.	Ensure PPEs.	<input type="checkbox"/>	<input type="checkbox"/>	
16.	Install the bamboo/mulberry sticks in field as per recommendation	<input type="checkbox"/>	<input type="checkbox"/>	

17.	Perform fixing of sticks with plastic wire.	<input type="checkbox"/>	<input type="checkbox"/>	
18.	Perform polythene plastic covering as per recommendation.	<input type="checkbox"/>	<input type="checkbox"/>	
19.	Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>	
20.	Ensure PPEs.	<input type="checkbox"/>	<input type="checkbox"/>	
21.	Install the iron rod in field as per recommendation	<input type="checkbox"/>	<input type="checkbox"/>	
22.	Perform fixing of sticks with suitable wire.	<input type="checkbox"/>	<input type="checkbox"/>	
23.	Perform polythene plastic covering as per recommendation.	<input type="checkbox"/>	<input type="checkbox"/>	
24.	Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>	
25.	Ensure PPEs.	<input type="checkbox"/>	<input type="checkbox"/>	
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

## Knowledge Assessment

<b>Qualification</b>	Tunnel Farming, Greenhouse & Agribusiness (Level-5)
<b>Competency Standard</b>	Install high Tunnel
<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.

<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 work can be initiated with safety measures?		
2.	What are specific prerequisites of poly-tunnel construction?		
3.	What is the working environment and also write cleaning of work place?		
4.	What is the time span of high tunnel structure?		
5.	What are standard procedures for installation of poly tunnel according to provided design?		

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