

Instruction Sheet for the Candidate

Qualification	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
Competency Standard	Install Greenhouse Structures
Purpose of Assessment	Formative Assessment
Candidate Details	Name_____ Registration/Roll Number_____
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within time frame (for practical demonstration & assessment):</p> <ol style="list-style-type: none"> 1. Select greenhouse structure 2. Prepare for installation of greenhouse 3. Perform Installation of Lean-to type 4. Perform Installation of Even Span type 5. Perform Installation Ridge and Furrow type 6. Perform Installation Gothic arch type 7. Perform Installation of Quonset type 8. Perform Installation of Cold frame type
Time: 03 Hrs.	<p>During a practical assessment, under observation by an assessor, you are required to:</p> <p>1.Select greenhouse structure</p> <ul style="list-style-type: none"> • Identify and arrange the tools as per job requirement • Collect data about desired crop/s • Collect data about climate of the area • Collect geographical data of the selected site • Select the most suitable type of greenhouse based on the collected data • Maintain record • Ensure health and safety standards <p>2.Prepare for installation of greenhouse</p> <ul style="list-style-type: none"> • Ensure safety equipment as per standard SOPs • Identify and arrange required tools for installation • Prepare installation site as per standard requirements
Minimum Evidence Required	

	<ul style="list-style-type: none"> • Ensure performance checkoff required instruments • Prepare layout for required greenhouse as per standard criteria <p>3.Perform Installation of Lean-to type</p> <ul style="list-style-type: none"> • Ensure availability of required installation tools and materials • Implement layout plan as per design • Perform installation of lean-to structure • Perform post installation practices as per standards • Ensure health and safety standards <p>4.Perform Installation of Even Span type</p> <ul style="list-style-type: none"> • . Ensure availability of required installation tools and materials • Implement layout plan as per design • Perform installation of even span structure • Perform post installation practices as per standards • Ensure health and safety standards <p>5.Perform Installation Ridge and Furrow type</p> <ul style="list-style-type: none"> • Ensure availability of required installation tools and materials • Implement layout plan as per design • Perform installation of ridge and furrow • Perform post installation practices as per standards • Ensure health and safety standards <p>6.Perform Installation Gothic arch type</p> <ul style="list-style-type: none"> • Ensure availability of required installation tools and materials • Implement layout plan as per design • Perform installation of Gothic arch • Perform post installation practices as per standards • Ensure health and safety standards <p>7.Perform Installation of Quonset type</p> <ul style="list-style-type: none"> • Ensure availability of required installation tools and materials • Implement layout plan as per design • Perform installation of Quonset • Perform post installation practices as per standards • Ensure health and safety standards <p>8.Perform Installation of Cold frame type</p> <ul style="list-style-type: none"> • Ensure availability of required installation tools and materials
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	<ul style="list-style-type: none"> • Implement layout plan as per design • Perform installation of Cold frame • Perform post installation practices as per standards • Ensure health and safety standards
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Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
Competency Standard	Install Greenhouse Structures
Purpose of Assessment	Formative Assessment
Assessment Task	<ol style="list-style-type: none"> 1. Select greenhouse structure 2. Prepare for installation of greenhouse 3. Perform Installation of Lean-to type 4. Perform Installation of Even Span type 5. Perform Installation Ridge and Furrow type 6. Perform Installation Gothic arch type 7. Perform Installation of Quonset type 8. Perform Installation of Cold frame type

I can.....

Performance Criteria	Yes	No
1. Identify and arrange the tools as per job requirement	<input type="checkbox"/>	<input type="checkbox"/>
2. Collect data about desired crop/s	<input type="checkbox"/>	<input type="checkbox"/>
3. Collect data about climate of the area	<input type="checkbox"/>	<input type="checkbox"/>
4. Collect geographical data of the selected site	<input type="checkbox"/>	<input type="checkbox"/>
5. Select the most suitable type of greenhouse based on the collected data	<input type="checkbox"/>	<input type="checkbox"/>
6. Maintain record	<input type="checkbox"/>	<input type="checkbox"/>
7. Ensure health and safety standards	<input type="checkbox"/>	<input type="checkbox"/>
8. . Ensure safety equipment as per standard SOPs	<input type="checkbox"/>	<input type="checkbox"/>
9. Identify and arrange required tools for installation	<input type="checkbox"/>	<input type="checkbox"/>
10. Prepare installation site as per standard requirements	<input type="checkbox"/>	<input type="checkbox"/>
11. Ensure performance check of required instruments	<input type="checkbox"/>	<input type="checkbox"/>
12. Prepare layout for required greenhouse as per standard criteria	<input type="checkbox"/>	<input type="checkbox"/>
13.. Ensure availability of required installation tools and materials	<input type="checkbox"/>	<input type="checkbox"/>
14. Implement layout plan as per design	<input type="checkbox"/>	<input type="checkbox"/>
15. Perform installation of lean-to structure	<input type="checkbox"/>	<input type="checkbox"/>
16. Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>
17. Ensure health and safety standards	<input type="checkbox"/>	<input type="checkbox"/>
18.. Ensure availability of required installation tools and materials	<input type="checkbox"/>	<input type="checkbox"/>
19. Implement layout plan as per design	<input type="checkbox"/>	<input type="checkbox"/>
20. Perform installation of ridge and furrow	<input type="checkbox"/>	<input type="checkbox"/>
21. Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>
22. Ensure health and safety standards	<input type="checkbox"/>	<input type="checkbox"/>
23.. Ensure availability of required installation tools and materials	<input type="checkbox"/>	<input type="checkbox"/>
24. Implement layout plan as per design	<input type="checkbox"/>	<input type="checkbox"/>
25. Perform installation of Gothic arch	<input type="checkbox"/>	<input type="checkbox"/>
26. Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>

27. Ensure health and safety standards	<input type="checkbox"/>	<input type="checkbox"/>
28. Ensure availability of required installation tools and materials	<input type="checkbox"/>	<input type="checkbox"/>
29. Implement layout plan as per design	<input type="checkbox"/>	<input type="checkbox"/>
30. Perform installation of Quonset	<input type="checkbox"/>	<input type="checkbox"/>
31. Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>
32. Ensure health and safety standards	<input type="checkbox"/>	<input type="checkbox"/>
33. Ensure availability of required installation tools and materials	<input type="checkbox"/>	<input type="checkbox"/>
34. Implement layout plan as per design	<input type="checkbox"/>	<input type="checkbox"/>
35. Perform installation of Cold frame	<input type="checkbox"/>	<input type="checkbox"/>
36. Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>
37. Ensure health and safety standards	<input type="checkbox"/>	<input type="checkbox"/>
38. Ensure availability of required installation tools and materials	<input type="checkbox"/>	<input type="checkbox"/>
39. Implement layout plan as per design	<input type="checkbox"/>	<input type="checkbox"/>
40. Perform installation of lean-to structure	<input type="checkbox"/>	<input type="checkbox"/>
41. Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>
42. Ensure health and safety standards	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature_____ Assessor's Signature_____

Date: _____

Assessors Judgment Guide

Qualification	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
Competency Standard	Install Greenhouse Structure
Purpose of Assessment	Formative Assessment

Candidate Details	Name: _____ Registration/Roll Number: _____ Signature: _____
Assessment Outcome	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

Assessment Task	1. Select greenhouse structure 2. Prepare for installation of greenhouse 3. Perform Installation of Lean-to type 4. Perform Installation of Even Span type 5. Perform Installation Ridge and Furrow type 6. Perform Installation Gothic arch type 7. Perform Installation of Quonset type 8. Perform Installation of Cold frame type			
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Identify and arrange the tools as per job requirement	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Collect data about desired crop/s	<input type="checkbox"/>	<input type="checkbox"/>	

3.	Collect data about climate of the area	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Collect geographical data of the selected site	<input type="checkbox"/>	<input type="checkbox"/>	
5.	Select the most suitable type of greenhouse based on the collected data	<input type="checkbox"/>	<input type="checkbox"/>	
6.	Maintain record	<input type="checkbox"/>	<input type="checkbox"/>	
7.	Ensure health and safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
8.	. Ensure safety equipment as per standard SOPs	<input type="checkbox"/>	<input type="checkbox"/>	
9.	Identify and arrange required tools for installation	<input type="checkbox"/>	<input type="checkbox"/>	
10	Prepare installation site as per standard requirements	<input type="checkbox"/>	<input type="checkbox"/>	
11	Ensure performance check of required instruments	<input type="checkbox"/>	<input type="checkbox"/>	
12	Prepare layout for required greenhouse as per standard criteria	<input type="checkbox"/>	<input type="checkbox"/>	
13	. Ensure availability of required installation tools and materials	<input type="checkbox"/>	<input type="checkbox"/>	
14	Implement layout plan as per design	<input type="checkbox"/>	<input type="checkbox"/>	
15	Perform installation of lean-to structure	<input type="checkbox"/>	<input type="checkbox"/>	
16	Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>	
17	Ensure health and safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
18	. Ensure availability of required installation tools and materials	<input type="checkbox"/>	<input type="checkbox"/>	
19	Implement layout plan as per design	<input type="checkbox"/>	<input type="checkbox"/>	
20	Perform installation of ridge and furrow	<input type="checkbox"/>	<input type="checkbox"/>	
21	Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>	
22	Ensure health and safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
23	. Ensure availability of required installation tools and materials	<input type="checkbox"/>	<input type="checkbox"/>	

24	Implement layout plan as per design	<input type="checkbox"/>	<input type="checkbox"/>	
25	Perform installation of Gothic arch	<input type="checkbox"/>	<input type="checkbox"/>	
26	Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>	
27	Ensure health and safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
28	Ensure availability of required installation tools and materials	<input type="checkbox"/>	<input type="checkbox"/>	
29	Implement layout plan as per design	<input type="checkbox"/>	<input type="checkbox"/>	
30	Perform installation of Quonset	<input type="checkbox"/>	<input type="checkbox"/>	
31	Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>	
32	Ensure health and safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
33	Ensure availability of required installation tools and materials	<input type="checkbox"/>	<input type="checkbox"/>	
34	Implement layout plan as per design	<input type="checkbox"/>	<input type="checkbox"/>	
35	Perform installation of Cold frame	<input type="checkbox"/>	<input type="checkbox"/>	
36	Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>	
37	Ensure health and safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
38	. Ensure availability of required installation tools and materials	<input type="checkbox"/>	<input type="checkbox"/>	
39	Implement layout plan as per design	<input type="checkbox"/>	<input type="checkbox"/>	
40	Perform installation of lean-to structure	<input type="checkbox"/>	<input type="checkbox"/>	
41	Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>	
42	Ensure health and safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
Competent <input type="checkbox"/>		Perform post management and care		

Knowledge Assessment

Qualification	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
Competency Standard	Install Greenhouse Structures
Purpose of Assessment	Formative Assessment
Candidate Details	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
Assessment Outcome	<div style="display: flex; justify-content: space-around; align-items: center;"> COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> </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.	How can we install greenhouse?		
2.	What is the difference between lean to type and even span type installation?		

3.	Define ridge and furrow?		
4.	What is meant by Gothic arch type?		
5.	What are the conditions of cold frame type?		

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