

Instruction Sheet for the Candidate

Qualification	Agriculture Machinery Operator (Level -3)
Competency Standard	Operate Sowing and planting implements
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 03 Hrs. time frame (for practical demonstration & assessment):</p> <ul style="list-style-type: none"> • Operate sugarcane planter • Operate potato planter • Operate wheat drill • Operate post hole Digger
Time: 03 Hrs.	During a practical assessment, under observation by an assessor, you are required to
Minimum Evidence Required	<p>Operate sugarcane planter</p> <ol style="list-style-type: none"> 1. Identify planter parts (main frame, gear box, PTO shaft, dual movement cutter frame, stationary cutter frame, hopper, ridger, stems tube) 2. Attach implement with 3-point linkage system of tractor. 3. Load the sugarcane stems in hopper. 4. Run the tractor. <p>Operate potato planter</p> <ol style="list-style-type: none"> 1. Identify different parts of potato planter (main frame, hopper, potato bucket conveyor, ridger, fluted wheels, potato tube) 2. Attach implement with 3-point linkage system of 50Hp tractor. 3. Load dried pieces of potatoes into the potato seed hopper and fertilizer into fertilizer container. 4. Run the tractor

	<p>Operate wheat drill</p> <ol style="list-style-type: none"> 1. Identify different parts of wheat seed drill (Frame, Seed metering device; Furrow opener; Covering device; Rotating wheel; Seed tubes; Clutch). 2. Replace any broken or worn out parts. 3. Attach implement with 3-point linkage system of 50Hp tractor. 4. Add the seed to the seed box 5. Calibrate the seed drill. 6. Adjust seed rate and planting depth <p>Operate post hole Digger</p> <ol style="list-style-type: none"> 1. Select appropriate auger size 2. Align the three point linkages with post hole digger 3. Attach post hole digger with tractor 4. Maintain suitable PTO RPM 5. Dig hole using post hole digger 6. Lubricate the drive shaft and gear box
--	--

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Agriculture Machinery Operator (Level -3)
Competency Standard	Operate Sowing and planting implements
Purpose of Assessment	Formative Assessment
Assessment Task	<ul style="list-style-type: none"> • Operate sugarcane planter • Operate potato planter • Operate wheat drill • Operate post hole Digger

I can.....

Performance Criteria	Yes	No
1. Identify planter parts (main frame, gear box, PTO shaft, dual movement cutter frame, stationary cutter frame, hopper, ridger, stems tube)	<input type="checkbox"/>	<input type="checkbox"/>
2. Attach implement with 3-point linkage system of tractor.	<input type="checkbox"/>	<input type="checkbox"/>
3. Load the sugarcane stems in hopper.	<input type="checkbox"/>	<input type="checkbox"/>
4. Run the tractor	<input type="checkbox"/>	<input type="checkbox"/>
5. Identify different parts of potato planter (main frame, hopper, potato bucket conveyor, ridger, fluted wheels, potato tube)	<input type="checkbox"/>	<input type="checkbox"/>
6. Attach implement with 3-point linkage system of 50Hp tractor.	<input type="checkbox"/>	<input type="checkbox"/>
7. Load dried pieces of potatoes into the potato seed hopper and fertilizer into fertilizer container.	<input type="checkbox"/>	<input type="checkbox"/>
8. Run the tractor	<input type="checkbox"/>	<input type="checkbox"/>
9. Identify different parts of wheat seed drill (Frame, Seed metering device; Furrow opener; Covering device; Rotating wheel; Seed tubes; Clutch).	<input type="checkbox"/>	<input type="checkbox"/>
10. Replace any broken or worn out parts.	<input type="checkbox"/>	<input type="checkbox"/>
11. Attach implement with 3-point linkage system of 50Hp tractor.	<input type="checkbox"/>	<input type="checkbox"/>

12. Add the seed to the seed box	<input type="checkbox"/>	<input type="checkbox"/>
13. Calibrate the seed drill.		
14. Adjust seed rate and planting depth.		
15. Select appropriate auger size		
16. Align the three point linkages with post hole digger		
17. Attach post hole digger with tractor		
18. Maintain suitable PTO RPM		
19. Dig hole using post hole digger		
20. Lubricate the drive shaft and gear box	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature _____ Assessor's Signature _____

Date: _____

Assessors Judgment Guide

Qualification	Agriculture Machinery Operator (Level -3)
Competency Standard	Operate Sowing and planting implements

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		<ul style="list-style-type: none"> • Operate sugarcane planter • Operate potato planter • Operate wheat drill • Operate post hole Digger 		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Identify planter parts (main frame, gear box, PTO shaft, dual movement cutter frame, stationary cutter frame, hopper, ridger, stems tube)			
2.	Attach implement with 3-point linkage system of tractor.			
3.	Load the sugarcane stems in hopper.			
4.	Run the tractor			
5.	Identify different parts of potato planter (main frame, hopper, potato bucket conveyor, ridger, fluted wheels, potato tube)			
6.	Attach implement with 3-point linkage system of 50Hp tractor.			
7.	Load dried pieces of potatoes into the potato seed hopper and fertilizer into fertilizer container.			
8.	Run the tractor			
9.	Identify different parts of wheat seed drill (Frame, Seed metering device; Furrow opener; Covering device; Rotating wheel; Seed tubes; Clutch).			
10.	Replace any broken or worn out parts.			
11.	Attach implement with 3-point linkage system of 50Hp tractor.			
12.	Add the seed to the seed box			
13.	Calibrate the seed drill.			
14.	Adjust seed rate and planting depth.			
15.	Select appropriate auger size			
16.	Align the three point linkages with post hole digger			

17.	Attach post hole digger with tractor			
18.	Maintain suitable PTO RPM			
19.	Dig hole using post hole digger			
20.	Lubricate the drive shaft and gear box			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Knowledge Assessment

Qualification	Agriculture Machinery Operator (Level -3)
Competency Standard	Operate Sowing and planting implements
Purpose of Assessment	Formative Assessment
Candidate Details	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <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.

Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)		Satisfactory	Not Satisfactory
1.	What are major parts of planter enlist three?		
2.	What is PTO shaft?		
3.	How to adjust seed drill according to seed type?		

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

