

## Instruction Sheet for the Candidate

<b>Qualification</b>	Agricultural Machinery Technician (Level-04)
<b>Competency Standard</b>	Operate / Maintain Reaper
<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 03 Hrs. time frame (for practical demonstration &amp; assessment):</b> <ul style="list-style-type: none"> <li>• Identify Reaper</li> <li>• Adjust / Maintain Reaper</li> <li>• Operate Reaper</li> </ul>
<b>Time: 03 Hrs.</b>	During a practical assessment, under observation by an assessor, you are required to
<b>Minimum Evidence Required</b>	<b>Identify Reaper</b> <ol style="list-style-type: none"> <li>1. Identify types of Reaper</li> <li>2. Identify parts of Reaper</li> <li>3. Inspect parts of Reaper for proper operation</li> <li>4. Inspect Alignment of Reaper</li> <li>5. Identify parts of Reaper Binder</li> <li>6. Inspect parts of Reaper Binder</li> <li>7. Inspect Alignment of Reaper Binder</li> </ol> <b>Adjust / Maintain Reaper</b> <ol style="list-style-type: none"> <li>1. Adjust reaper cutter bar assembly</li> <li>2. Service and Lubricate (Greasing) Reaper</li> <li>3. Adjust tension of belts</li> <li>4. Check reaper binding mechanism (Adjust if required)</li> <li>5. Check Engine Lubrication Oil</li> <li>6. Check Radiator Coolant</li> <li>7. Check Hydraulic Oil</li> <li>8. Check Electric System</li> <li>9. Replace worn out part</li> <li>10. Adjust Guard Alignment of Reaper cutter bar</li> <li>11. Perform Tilt adjustment of Reaper Cutter bar</li> <li>12. Check Low and Middle cut fingers</li> <li>13. Check Clutch adjust if required</li> <li>14. Check gear oil ,make up if required</li> <li>15. Hitch Reaper with Tractor</li> </ol> <b>Operate Reaper</b> <ol style="list-style-type: none"> <li>1. Inspect and Start Tractor</li> </ol>

	<ol style="list-style-type: none"><li>1. Operate Tractor Drawn Reaper</li><li>2. Operate front mounted Reaper</li><li>3. Start self-propelled reaper</li><li>4. Operate Self Propelled Reaper</li></ol>
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## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	Agricultural Machinery Technician (Level-04)
<b>Competency Standard</b>	Operate / Maintain Reaper
<b>Purpose of Assessment</b>	Formative Assessment
<b>Assessment Task</b>	<ul style="list-style-type: none"> <li>• Identify Reaper</li> <li>• Adjust / Maintain Reaper</li> <li>• Operate Reaper</li> </ul>

I can.....

<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
1. Identify types of Reaper	<input type="checkbox"/>	<input type="checkbox"/>
2. Identify parts of Reaper	<input type="checkbox"/>	<input type="checkbox"/>
3. Inspect parts of Reaper for proper operation	<input type="checkbox"/>	<input type="checkbox"/>
4. Inspect Alignment of Reaper	<input type="checkbox"/>	<input type="checkbox"/>
5. Identify parts of Reaper Binder	<input type="checkbox"/>	<input type="checkbox"/>
6. Inspect parts of Reaper Binder	<input type="checkbox"/>	<input type="checkbox"/>
7. Inspect Alignment of Reaper Binder	<input type="checkbox"/>	<input type="checkbox"/>
8. Adjust reaper cutter bar assembly	<input type="checkbox"/>	<input type="checkbox"/>
9. Service and Lubricate (Greasing) Reaper	<input type="checkbox"/>	<input type="checkbox"/>
10. Adjust tension of belts	<input type="checkbox"/>	<input type="checkbox"/>
11. Check reaper binding mechanism (Adjust if required)	<input type="checkbox"/>	<input type="checkbox"/>
12. Check Engine Lubrication Oil	<input type="checkbox"/>	<input type="checkbox"/>
13. Check Radiator Coolant	<input type="checkbox"/>	<input type="checkbox"/>
14. Check Hydraulic Oil	<input type="checkbox"/>	<input type="checkbox"/>

15. Check Electric System	<input type="checkbox"/>	<input type="checkbox"/>
16. Replace worn out part	<input type="checkbox"/>	<input type="checkbox"/>
17. Adjust Guard Alignment of Reaper cutter bar	<input type="checkbox"/>	<input type="checkbox"/>
18. Perform Tilt adjustment of Reaper Cutter bar	<input type="checkbox"/>	<input type="checkbox"/>
19. Check Low and Middle cut fingers	<input type="checkbox"/>	<input type="checkbox"/>
20. Check Clutch adjust if required	<input type="checkbox"/>	<input type="checkbox"/>
21. Check gear oil ,make up if required	<input type="checkbox"/>	<input type="checkbox"/>
22. Hitch Reaper with Tractor	<input type="checkbox"/>	<input type="checkbox"/>
23. Inspect and Start Tractor	<input type="checkbox"/>	<input type="checkbox"/>
24. Operate Tractor Drawn Reaper	<input type="checkbox"/>	<input type="checkbox"/>
25. Operate front mounted Reaper	<input type="checkbox"/>	<input type="checkbox"/>
26. Start self-propelled reaper	<input type="checkbox"/>	<input type="checkbox"/>
27. Operate Self Propelled Reaper	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature\_\_\_\_\_ Assessor's Signature\_\_\_\_\_

Date: \_\_\_\_\_

## Assessors Judgment Guide

<b>Qualification</b>	Agricultural Machinery Technician (Level-04)
<b>Competency Standard</b>	Operate / Maintain Reaper
<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

Assessment Task		<ul style="list-style-type: none"> <li>Identify Reaper</li> <li>Adjust / Maintain Reaper</li> <li>Operate Reaper</li> </ul>		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Identify types of Reaper			
2.	Identify parts of Reaper			
3.	Inspect parts of Reaper for proper operation			
4.	Inspect Alignment of Reaper			
5.	Identify parts of Reaper Binder			
6.	Inspect parts of Reaper Binder			
7.	Inspect Alignment of Reaper Binder			
8.	Adjust reaper cutter bar assembly			
9.	Service and Lubricate (Greasing) Reaper			
10.	Adjust tension of belts			
11.	Check reaper binding mechanism (Adjust if required)			
12.	Check Engine Lubrication Oil			
13.	Check Radiator Coolant			
14.	Check Hydraulic Oil			
15.	Check Electric System			
16.	Replace worn out part			
17.	Adjust Guard Alignment of Reaper cutter bar			
18.	Perform Tilt adjustment of Reaper Cutter bar			
19.	Check Low and Middle cut fingers			
20.	Check Clutch adjust if required			

21.	Check gear oil ,make up if required			
22.	Hitch Reaper with Tractor			
23.	Inspect and Start Tractor			
24.	Operate Tractor Drawn Reaper			
25.	Operate front mounted Reaper			
26.	Start self-propelled reaper			
27.	Operate Self Propelled Reaper			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

## Knowledge Assessment

<b>Qualification</b>	Agricultural Machinery Technician (Level-04)
<b>Competency Standard</b>	Operate / Maintain Reaper
<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 is the use of Reaper		
2.	Name five major parts of Reaper		
3.	How many types of Reaper		



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