

Instruction Sheet for the Candidate

Qualification	Agricultural Machinery helper (Level-2)
Competency Standard	Identify the hydraulic and pneumatic components in agricultural machinery
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> <ol style="list-style-type: none"> 1. Identify hydraulic system components 2. Identify Compressor & hydraulic pipe/ tubes 3. Identify pneumatic components
Time: 03 Hrs.	During a practical assessment, under observation by an assessor, you are required to
Minimum Evidence Required	<p>1. Identify hydraulic system components</p> <ol style="list-style-type: none"> 1. Identify hydraulic pump 2. Identify location of hydraulic pump 3. Identify hydraulic valve 4. Identify location of hydraulic valve 5. Identify hydraulic Actuator 6. Identify location of hydraulic Actuator <p>2. Identify Compressor & hydraulic pipe/ tubes</p> <ol style="list-style-type: none"> 1. Identify hydraulic tube and hose 2. Identify location of hydraulic tube and hose 3. Identify compressor 4. Identify location of compressor 5. Enlist components of hydraulic system <p>3. Identify pneumatic components</p> <ol style="list-style-type: none"> 1. Identify pneumatic valve 2. . Identify location of pneumatic valve 3. Identify pneumatic actuator 4. Identify location of actuator 5. Enlist components of pneumatic system

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Agricultural Machinery helper (Level-2)
Competency Standard	Identify the hydraulic and pneumatic components in agricultural machinery
Purpose of Assessment	Formative Assessment
Assessment Task	1. Identify hydraulic system components 2. Identify Compressor & hydraulic pipe/ tubes 3. Identify pneumatic components Lath machine maintenance

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Performance Criteria	Yes	No
1. Identify hydraulic pump	<input type="checkbox"/>	<input type="checkbox"/>
2. Identify location of hydraulic pump	<input type="checkbox"/>	<input type="checkbox"/>
3. Identify hydraulic valve	<input type="checkbox"/>	<input type="checkbox"/>
4. Identify location of hydraulic valve	<input type="checkbox"/>	<input type="checkbox"/>
5. Identify hydraulic Actuator	<input type="checkbox"/>	<input type="checkbox"/>
6. Identify location of hydraulic Actuator	<input type="checkbox"/>	<input type="checkbox"/>
7. Identify hydraulic tube and hose	<input type="checkbox"/>	<input type="checkbox"/>
8. Identify location of hydraulic tube and hose	<input type="checkbox"/>	<input type="checkbox"/>
9. Identify compressor	<input type="checkbox"/>	<input type="checkbox"/>
10. Identify location of compressor	<input type="checkbox"/>	<input type="checkbox"/>
11. Enlist components of hydraulic system	<input type="checkbox"/>	<input type="checkbox"/>
12. Identify pneumatic valve	<input type="checkbox"/>	<input type="checkbox"/>
13. Identify location of pneumatic valve	<input type="checkbox"/>	<input type="checkbox"/>
14. Identify pneumatic actuator		

15. Identify location of actuator		
16. Enlist components of pneumatic system		

Candidate's Signature_____ Assessor's Signature_____

Date: _____

Assessors Judgment Guide

Qualification	Agricultural Machinery helper (Level-2)
Competency Standard	Identify the hydraulic and pneumatic components in agricultural machinery
Purpose of Assessment	Formative Assessment
Candidate Details	Name: _____ Registration/Roll Number: _____ Signature: _____
Assessment Outcome	<div style="display: flex; justify-content: space-between; align-items: center;"> COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> </div> 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. Identify hydraulic system components 2. Identify Compressor & hydraulic pipe/ tubes 3. Identify pneumatic components		
During the practical assessment, candidate demonstrated the following:	Yes	No	Remarks
1. Identify hydraulic pump			
2. Identify location of hydraulic pump			
3. Identify hydraulic valve			
4. Identify location of hydraulic valve			
5. Identify hydraulic Actuator			
6. Identify location of hydraulic Actuator			
7. Identify hydraulic tube and hose			
8. Identify location of hydraulic tube and hose			
9. Identify compressor			
10. Identify location of compressor			
11. Enlist components of hydraulic system			
12. Identify pneumatic valve			
13. Identify location of pneumatic valve			
14. Identify pneumatic actuator			
15. Identify location of actuator			
16. Enlist components of pneumatic system			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>	

Knowledge Assessment

Qualification	Agricultural Machinery helper (Level-2)
Competency Standard	Identify the hydraulic and pneumatic components in agricultural machinery
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.	Name the machines and tools in which hydraulic system is used		

2.	Name the train of hydraulic system		
3.	What is difference between pneumatic and hydraulic system		

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