

## Instruction Sheet for the Candidate

<b>Qualification</b>	Agricultural Machinery helper (Level-2)
<b>Competency Standard</b>	Perform cutting of the job
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name_____
	Registration/Roll Number_____
<b>Guidance for Candidate</b>	<p><b>To meet this standard, you are required to complete the following within 03 Hrs. time frame (for practical demonstration &amp; assessment):</b></p> <ol style="list-style-type: none"> <li>1. Cut the given job with Hand hacksaw</li> <li>2. Carry out Sawing at different angles</li> <li>3. Cut the tube with tube cutter</li> <li>4. Use Flaring tool</li> <li>5. Cut the job with power cutter</li> <li>6. Bend the tube with tube bender</li> </ol>
<b>Time: 03 Hrs.</b>	During a practical assessment, under observation by an assessor, you are required to
<b>Minimum Evidence Required</b>	<p><b>1. Cut the given job with Hand hacksaw</b></p> <ol style="list-style-type: none"> <li>1. Mark job according to given drawing</li> <li>2. Select appropriate blade according to job requirement</li> <li>3. Install blade into hacksaw frame</li> <li>4. Clamp job into vice</li> <li>5. Cut given job with hacksaw</li> <li>6. Adopt methods and techniques for sawing that is appropriate to job requirement</li> <li>7. Follow marked line during sawing to ensure accuracy</li> </ol> <p><b>2. Carry out Sawing at different angles</b></p> <ol style="list-style-type: none"> <li>1. Mark job according to given drawing</li> <li>2. Select appropriate blade according to job requirement</li> <li>3. Set blade in frame of metal circular saw as per procedure.</li> <li>4. Ensure blade tightness and rotating side.</li> <li>5. Ensure work piece is clamped firmly and properly</li> <li>6. Adopt methods and techniques for sawing that is appropriate to job requirement</li> <li>7. Follow marked line during sawing to ensure accuracy</li> </ol> <p><b>3. Cut the tube with tube cutter</b></p>

	<ol style="list-style-type: none"> <li>1. Measure the length of tube that required</li> <li>2. Select the tube cutter according to tube diameter</li> <li>3. Cut tube with tube cutter</li> <li>4. Remove burr with bur remover</li> </ol> <p><b>4.Use Flaring tool</b></p> <ol style="list-style-type: none"> <li>1. Select proper flaring tool for given job</li> <li>2. Clamp tube into vise</li> <li>3. Perform flaring</li> </ol> <p><b>5.cut the job with power cutter</b></p> <ol style="list-style-type: none"> <li>1. Select and measure job</li> <li>2. P2.Clamp the job into vise</li> <li>3. P3.Perform cutting with power cutter</li> </ol> <p><b>6. Bend the tube with tube bender</b></p> <ol style="list-style-type: none"> <li>1. . Select and measure tube</li> <li>2. P2.Clamp the tube into tube bender</li> <li>3. P3.Bend tube with tube bender</li> <li>4. P4 Remove tube from tube bender</li> </ol>
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## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	Agricultural Machinery helper (Level-2)
<b>Competency Standard</b>	Perform cutting of the job
<b>Purpose of Assessment</b>	Formative Assessment
<b>Assessment Task</b>	<ol style="list-style-type: none"> <li>1. Cut the given job with Hand hacksaw</li> <li>2. Carry out Sawing at different angles</li> <li>3. Cut the tube with tube cutter</li> <li>4. Use Flaring tool</li> <li>5. Cut the job with power cutter</li> <li>6. Bend the tube with tube bender</li> </ol>

I can.....

Performance Criteria	Yes	No
1. Mark job according to given drawing	<input type="checkbox"/>	<input type="checkbox"/>
2. Select appropriate blade according to job requirement	<input type="checkbox"/>	<input type="checkbox"/>
3. Install blade into hacksaw frame	<input type="checkbox"/>	<input type="checkbox"/>
4. Clamp job into vice	<input type="checkbox"/>	<input type="checkbox"/>
5. Cut given job with hacksaw	<input type="checkbox"/>	<input type="checkbox"/>
6. Adopt methods and techniques for sawing that is appropriate to job requirement	<input type="checkbox"/>	<input type="checkbox"/>
7. Follow marked line during sawing to ensure accuracy.	<input type="checkbox"/>	<input type="checkbox"/>
8. Mark job according to given drawing	<input type="checkbox"/>	<input type="checkbox"/>
9. Select appropriate blade according to job requirement	<input type="checkbox"/>	<input type="checkbox"/>
10. Set blade in frame of metal circular saw as per procedure.	<input type="checkbox"/>	<input type="checkbox"/>
11. Ensure blade tightness and rotating side.	<input type="checkbox"/>	<input type="checkbox"/>
12. Ensure work piece is clamped firmly and properly	<input type="checkbox"/>	<input type="checkbox"/>

13. Adopt methods and techniques for sawing that is appropriate to job requirement	<input type="checkbox"/>	<input type="checkbox"/>
14. Follow marked line during sawing to ensure accuracy		
15. Measure the length of tube that required		
16. Select the tube cutter according to tube diameter		
17. Cut tube with tube cutter		
18. Remove burr with bur remover		
19. Select proper flaring tool for given job		
20. Clamp tube into vise		
21. Perform flaring		
22. Select and measure job		
23. Clamp the job into vise		
24. Perform cutting with power cutter		
25. Select and measure tube		
26. Clamp the tube into tube bender		
27. Bend tube with tube bender		
28. Remove tube from tube bender		

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

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



## Assessors Judgment Guide

<b>Qualification</b>	Agricultural Machinery helper (Level-2)
<b>Competency Standard</b>	Perform cutting of the job
<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. Cut the given job with Hand hacksaw 2. Carry out Sawing at different angles 3. Cut the tube with tube cutter 4. Use Flaring tool 5. Cut the job with power cutter 6. Bend the tube with tube bender		
<b>During the practical assessment, candidate demonstrated the following:</b>		<b>Yes</b>	<b>No</b>	<b>Remarks</b>
1.	Mark job according to given drawing			
2.	Select appropriate blade according to job requirement			
3.	Install blade into hacksaw frame			
4.	Clamp job into vice			
5.	Cut given job with hacksaw			
6.	Adopt methods and techniques for sawing that is appropriate to job requirement			
7.	Follow marked line during sawing to ensure accuracy.			
8.	Mark job according to given drawing			
9.	Select appropriate blade according to job requirement			
10.	Set blade in frame of metal circular saw as per procedure.			
11.	Ensure blade tightness and rotating side.			
12.	Ensure work piece is clamped firmly and properly			
13.	Adopt methods and techniques for sawing that is appropriate to job requirement			
14.	Follow marked line during sawing to ensure accuracy			
15.	Measure the length of tube that required			
16.	Select the tube cutter according to tube diameter			

17.	Cut tube with tube cutter			
18.	Remove burr with bur remover			
19.	Select proper flaring tool for given job			
20.	Clamp tube into vise			
21.	Perform flaring			
22.	Select and measure job			
23.	Clamp the job into vise			
24.	Perform cutting with power cutter			
25.	Select and measure tube			
26.	Clamp the tube into tube bender			
27.	Bend tube with tube bender			
28.	Remove tube from tube bender			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

## Knowledge Assessment

<b>Qualification</b>	Agricultural Machinery helper (Level-2)
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<b>Competency Standard</b>	Perform cutting of the job
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
<b>Assessment Outcome</b>	<b>COMPETENT</b> <input type="checkbox"/> <b>NOT YET COMPETENT</b> <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.

<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.	Describe the teeth direction of hack saw blade during cutting		
2.	Name machines and system in which tube cutter can be use for cutting		
3.	What you use to avoid heating of power cutting hacksaw blade		

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