

Instruction Sheet for the Candidate

Qualification	Agricultural Machinery Operator (Level - 3)
Competency Standard	Perform Basic Manual Drawing
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"> • Draw horizontal, vertical and inclined lines • Draw single stroke capital vertical and inclined lettering. • Draw circles, half circles, radius with compass • Draw Lines • Draw round corners, circles elements, quadrilaterals inside and outside circle • Construct angles and triangles
Time: 03 Hrs.	During a practical assessment, under observation by an assessor, you are required to
Minimum Evidence Required	<p>Draw horizontal, vertical and inclined lines</p> <ol style="list-style-type: none"> 1. Prepare the Drawing sheet. 2. Select the tools. 3. Draw the Boundaries lines as per standards. 4. Make the title bar. 5. Divide the sheets in two equal parts. 6. Draw lines at 30, 45, 60, 90and 120 angles <p>Draw single stroke capital vertical lettering</p> <ol style="list-style-type: none"> 1. Prepare the Drawing sheet. 2. Select the tools. 3. Use the dedicated pencil for lettering with the holding techniques. 4. Draw the Boundary lines as per standards. 5. Make the title bar 6. Draw the upper and lower lines for lettering according to the standards.

	<p>7. Start with writing Vertical Lettering with the different style such as Gothic, Roman and free hand lettering</p> <p>Draw circles, half circles, radius with compass</p> <ol style="list-style-type: none"> 1. Prepare Drawing sheet. 2. Select the tools. 3. Draw the Boundaries lines as per standards. 4. Make title bar. 5. Divide the sheets in various equal parts. 6. Make the circles and half circles with different diameters
	<p>Draw Lines</p> <ol style="list-style-type: none"> 1. Prepare Drawing sheet. 2. Select the tools. 3. Draw the Boundaries lines as per standards. 4. Make the title bar. 5. Divide the sheets in two or various equal parts. 6. Draw the Center lines. 7. Draw the parallel-lines. 8. Draw the perpendicular & bisector lines. 9. Draw the equal division of lines. 10. Make the various curves with different angles 11. Draw the crossing line.
	<p>Draw round corners, circles elements, quadrilaterals inside and outside circle</p> <ol style="list-style-type: none"> 1. Prepare Drawing sheet. 2. Select the tools. 3. Draw Boundaries lines as per standards. 4. Make title bar 5. Divide the sheets in two or various equal parts. 6. Make different radius circles. 7. Make different types of diagrams that touch the circles at the tangent points
	<p>Construct angles and triangles</p> <ol style="list-style-type: none"> 1. Prepare Drawing sheet. 2. Select the tools. 3. Draw Boundaries lines as per standards.

	<ol style="list-style-type: none">4. Make title bar5. Divide the sheets in different equal parts.6. Draw Equilateral Triangle, Isosceles triangle, Scalene Triangle, Right angle Triangle, Obtuse Triangle, Acute Triangle.
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Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Agricultural Machinery Operator (Level – 3)
Competency Standard	Perform Basic Manual Drawing
Purpose of Assessment	Formative Assessment
Assessment Task	<p>Draw horizontal, vertical and inclined lines</p> <ol style="list-style-type: none"> 1. Prepare the Drawing sheet. 2. Select the tools. 3. Draw the Boundaries lines as per standards. 4. Make the title bar. 5. Divide the sheets in two equal parts. 6. Draw lines at 30, 45, 60, 90 and 120 angles <p>Draw single stroke capital vertical lettering</p> <ol style="list-style-type: none"> 1. Prepare the Drawing sheet. 2. Select the tools. 3. Use the dedicated pencil for lettering with the holding techniques. 4. Draw the Boundary lines as per standards. 5. Make the title bar 6. Draw the upper and lower lines for lettering according to the standards. 7. Start with writing Vertical Lettering with the different style such as Gothic, Roman and free hand lettering <p>Draw circles, half circles, radius with compass</p> <ol style="list-style-type: none"> 1. Prepare Drawing sheet. 2. Select the tools. 3. Draw the Boundaries lines as per standards. 4. Make title bar. 5. Divide the sheets in various equal parts. 6. Make the circles and half circles with different diameters

	Draw Lines <ol style="list-style-type: none"> 1. Prepare Drawing sheet. 2. Select the tools. 3. Draw the Boundaries lines as per standards. 4. Make the title bar. 5. Divide the sheets in two or various equal parts. 6. Draw the Center lines. 7. Draw the parallel-lines. 8. Draw the perpendicular & bisector lines. 9. Draw the equal division of lines. 10. Make the various curves with different angles 11. Draw the crossing line.
	Draw round corners, circles elements, quadrilaterals inside and outside <ol style="list-style-type: none"> 1. Prepare Drawing sheet. 2. Select the tools. 3. Draw Boundaries lines as per standards. 4. Make title bar 5. Divide the sheets in two or various equal parts. 6. Make different radius circles. 7. Make different types of diagrams that touch the circles at the tangent points
	Construct angles and triangles <ol style="list-style-type: none"> 1. Prepare Drawing sheet. 2. Select the tools. 3. Draw Boundaries lines as per standards. 4. Make title bar 5. Divide the sheets in different equal parts. 6. Draw Equilateral Triangle, Isosceles triangle, Scalene Triangle, Right Triangle, Obtuse Triangle, Acute Triangle.

I can.....

Performance Criteria	Yes	No
1. Prepare the Drawing sheet.		<input type="checkbox"/>
2. Select the tools.		<input type="checkbox"/>
3. Draw the Boundaries lines as per standards.		<input type="checkbox"/>
4. Make the title bar.		<input type="checkbox"/>
5. Divide the sheets in two equal parts.		<input type="checkbox"/>
6. Draw lines at 30, 45, 60, 90and 120 angles.		<input type="checkbox"/>
7. Prepare the Drawing sheet.		<input type="checkbox"/>
8. Select the tools.		<input type="checkbox"/>
9. Use the dedicated pencil for lettering with the holding techniques.		<input type="checkbox"/>
10.Draw the Boundary lines as per standards		<input type="checkbox"/>
11.Prepare the Drawing sheet.		<input type="checkbox"/>
12. Select the tools.		<input type="checkbox"/>
Use the dedicated pencil for lettering with the holding techniques.		
Draw the Boundary lines as per standards.		
Make the title bar		
Draw the upper and lower lines for lettering according to the standards.		
Start with writing Vertical Lettering with the different style such as Gothic, Roman and free hand lettering.		
Prepare the Drawing sheet.		
Select the tools.		
Draw Boundaries lines as per standards.		
Make title bar. Draw the upper and lower lines for lettering according to the standards. Start writing with inclined Lettering with various styles such as Gothic, Roman and free hand lettering.		

Prepare Drawing sheet.		
Select the tools.		
Draw the Boundaries lines as per standards		
Make title bar.		
Divide the sheets in various equal parts.		
Make the circles and half circles with different diameters		
Prepare Drawing sheet.		
Select the tools.		
Draw the Boundaries lines as per standards		
Make the title bar.		
Divide the sheets in two or various equal parts.		
Draw the Center lines.		
Draw the parallel-lines.		
Draw the perpendicular & bisector lines.		
Draw the equal division of lines.		
Make the various curves with different angles		
Make the title bar.		
Divide the sheets in two or various equal parts.		
Make different radius circles.		
Make different types of diagrams that touch the circles at the tangent points		
Prepare Drawing sheet.		
Draw Boundaries lines as per standards.		
Divide the sheets in different equal parts.		
Draw Equilateral Triangle, Isosceles triangle, Scalene Triangle, Right angle Triangle, Obtuse Triangle, Acute Triangle		

Candidate's Signature_____ Assessor's Signature_____

Date: _____

Assessors Judgment Guide

Qualification	Perform Basic Manual Drawing
Competency Standard	Agricultural Machinery operator (Level – 3)
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	<ul style="list-style-type: none">• Draw horizontal, vertical and inclined lines.• Draw single stroke capital vertical lettering.• Draw single stroke capital inclined lettering.• Draw circles, half circles, radius with compass.• Draw Lines• Draw round corners, circles elements, quadrilaterals inside and outside• Construct angles and triangles			
	During the practical assessment, candidate demonstrated the following:	Yes	No	Remarks
1.	Prepare the Drawing sheet.			
2.	Select the tools.			
3.	Draw the Boundaries lines as per standards.			
4.	Make the title bar.			
5.	Divide the sheets in two equal parts.			
6.	Draw lines at 30, 45, 60, 90and 120 angles.			
7.	Prepare the Drawing sheet.			
8.	Select the tools.			
9.	Use the dedicated pencil for lettering with the holding techniques.			
10.	Draw the Boundary lines as per standards.			
11.	Make the title bar			
12.	Draw the upper and lower lines for lettering according to the standards.			
13.	Start with writing Vertical Lettering with the different style such as Gothic, Roman and free hand lettering.			

14.	Prepare Drawing sheet.			
15.	Select the tools.			
16.	Draw the Boundaries lines as per standards.			
17.	Make title bar.			
18.	Divide the sheets in various equal parts.			
19.	Make the circles and half circles with different diameters			
20.	Prepare Drawing sheet.			
21.	Select the tools			
22.	Prepare Drawing sheet.			
23.	Select the tools.			
24.	Draw the Boundaries lines as per standards.			
25.	Make title bar.			
26.	Divide the sheets in various equal parts.			
27.	Make the circles and half circles with different diameters			
28.	Prepare Drawing sheet.			
29.	Prepare Drawing sheet.			
30.	Draw the Boundaries lines as per standards.			
31.	Make the title bar.			
32.	Divide the sheets in two or various equal parts.			
33.	Draw the Center lines.			
34.	Draw the parallel-lines.			
35.	Draw the perpendicular & bisector lines.			

36.	Draw the equal division of lines.			
37.	Make the various curves with different angles			
38.	Draw the crossing line.			
39.	Prepare Drawing sheet.			
40.	Draw Boundaries lines as per standards.			
41.	Make title bar			
42.	Divide the sheets in two or various equal parts.			
43.	Make different radius circles.			
44.	Make different types of diagrams that touch the circles at the tangent points			
45.	Prepare Drawing sheet.			
46.	Draw Boundaries lines as per standards.			
47.	Divide the sheets in different equal parts.			
48.	Draw Equilateral Triangle, Isosceles triangle, Scalene Triangle, Right angle Triangle, Obtuse Triangle, Acute Triangle.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Knowledge Assessment

Qualification	Perform Basic Manual Drawing
Competency Standard	Agricultural Machinery Operator
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.	Define types of drawing?		
2.	3. Identification and usage of common drawing instruments		
4.	What is the importance of Technical Drawing?		

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