

Instruction Sheet for the Candidate

Qualification	National Vocational Certificate in Metal Forming & Processing Level 2
Competency Standard	Draw the Lettering and Geometrical Shapes
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 04 Hrs. time frame (for practical demonstration & assessment):</p> <ul style="list-style-type: none"> • CU1. Draw horizontal, vertical and inclined lines. • CU2. Draw Upper case and Lower-Case lettering • CU3. Draw Different type of technical drawing Lines • CU4. Draw circles, half circles, radius with compass • CU5. Construct different geometrical shapes
Time: 04 Hrs.	During a practical assessment, under observation by an assessor, you are required to
Minimum Evidence Required	<p>CU1. Draw horizontal, vertical and inclined lines. P1. Prepare Drawing sheet. P2. Select the tools. P3. Draw Boundaries lines as per standards. P4. Make title bar P5. Divide the sheets in different equal parts. P6. Draw lines at 30, 45, 60, 90 and 120 angles. P7. Draw parallel-lines P8. Draw perpendicular & bisects line P9. Draw equal division of lines</p> <p>CU2. Draw Upper case and Lower-Case lettering P1. Prepare drawing sheet as per requirement. P2. Select the required drawing tools. P3. Select proper pencil for lettering with holding techniques. P4. Make title block P5. Draw upper and lower lines for lettering according to standards. P6. Draw lettering with different styles like vertical, gothic, single stroke, double stroke italic.</p> <p>CU3. Draw Different type of technical drawing Lines P1. Prepare Drawing sheet. P2. Select the Drawing tools as per job requirement.</p>

	<p>P3. Make title bar</p> <p>P4. Divide the sheets in different equal parts.</p> <p>P5. Draw Center lines,</p> <p>P6. Draw Object, border line.</p> <p>P7. Draw Hidden line.</p> <p>P8. Draw Section line.</p> <p>P9. Draw Leader line.</p> <p>P10. Draw Dimension line.</p> <p>P11. Draw Extension line.</p> <p>P12. Draw phantom line.</p> <p>P13. Draw cutting plane line.</p> <p>CU4. Draw circles, half circles, radius with compass</p> <p>P1. Prepare Drawing sheet.</p> <p>P2. Select the Drawing tools as per job requirement.</p> <p>P3. Make title bar</p> <p>P4. Divide the sheets in different equal parts.</p> <p>P5. Make different diameters circles and half circles.</p> <p>CU5. Construct different geometrical shapes</p> <p>P1. Prepare Drawing sheet.</p> <p>P2. Select the tools.</p> <p>P3. Make title block</p> <p>P4. Divide the sheets in different equal parts.</p> <p>P5. Draw square and rectangle shape as per given dimension</p> <p>P6. Draw Equilateral Triangle, Isosceles triangle, Scalene Triangle, Right angle Triangle, Obtuse Triangle, Acute Triangle.</p>
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Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	National Vocational Certificate in Metal Forming & Processing Level 2
Competency Standard	Draw the Lettering and Geometrical Shapes
Purpose of Assessment	Formative Assessment
Assessment Task	<ul style="list-style-type: none"> • CU1. Draw horizontal, vertical and inclined lines. • CU2. Draw Upper case and Lower-Case lettering • CU3. Draw Different type of technical drawing Lines • CU4. Draw circles, half circles, radius with compass • CU5. Construct different geometrical shapes

I can.....

Performance Criteria	Yes	No
P1. Prepare Drawing sheet.	<input type="checkbox"/>	<input type="checkbox"/>
P2. Select the tools.	<input type="checkbox"/>	<input type="checkbox"/>
P3. Draw Boundaries lines as per standards.	<input type="checkbox"/>	<input type="checkbox"/>
P4. Make title bar	<input type="checkbox"/>	<input type="checkbox"/>
P5. Divide the sheets in different equal parts.	<input type="checkbox"/>	<input type="checkbox"/>
P6. Draw lines at 30, 45, 60,90and 120 angles.	<input type="checkbox"/>	<input type="checkbox"/>
P7. Draw parallel-lines	<input type="checkbox"/>	<input type="checkbox"/>
P8. Draw perpendicular & bisects line	<input type="checkbox"/>	<input type="checkbox"/>
P9. Draw equal division of lines	<input type="checkbox"/>	<input type="checkbox"/>
P10. Prepare drawing sheet as per requirement.	<input type="checkbox"/>	<input type="checkbox"/>
P11. Select the required drawing tools.	<input type="checkbox"/>	<input type="checkbox"/>
P12. Select proper pencil for lettering with holding techniques.	<input type="checkbox"/>	<input type="checkbox"/>
P13. Make title block	<input type="checkbox"/>	<input type="checkbox"/>
P14. Draw upper and lower lines for lettering according to standards.	<input type="checkbox"/>	<input type="checkbox"/>
P15. Draw lettering with different styles like vertical, gothic, single stroke, double stroke italic.	<input type="checkbox"/>	<input type="checkbox"/>
P16. Prepare Drawing sheet.	<input type="checkbox"/>	<input type="checkbox"/>
P17. Select the Drawing tools as per job requirement.	<input type="checkbox"/>	<input type="checkbox"/>
P18. Make title bar	<input type="checkbox"/>	<input type="checkbox"/>

P19. Divide the sheets in different equal parts.	<input type="checkbox"/>	<input type="checkbox"/>
P20. Draw Center lines,	<input type="checkbox"/>	<input type="checkbox"/>
P21. Draw Object, border line.	<input type="checkbox"/>	<input type="checkbox"/>
P22. Draw Hidden line.	<input type="checkbox"/>	<input type="checkbox"/>
P23. Draw Section line.	<input type="checkbox"/>	<input type="checkbox"/>
P24. Draw Leader line.	<input type="checkbox"/>	<input type="checkbox"/>
P25. Draw Dimension line.	<input type="checkbox"/>	<input type="checkbox"/>
P26. Draw Extension line.	<input type="checkbox"/>	<input type="checkbox"/>
P27. Draw phantom line.	<input type="checkbox"/>	<input type="checkbox"/>
P28. Draw cutting plane line.	<input type="checkbox"/>	<input type="checkbox"/>
P29. Prepare Drawing sheet.	<input type="checkbox"/>	<input type="checkbox"/>
P30. Select the Drawing tools as per job requirement.	<input type="checkbox"/>	<input type="checkbox"/>
P31. Make title bar	<input type="checkbox"/>	<input type="checkbox"/>
P32. Divide the sheets in different equal parts.	<input type="checkbox"/>	<input type="checkbox"/>
P33. Make different diameters circles and half circles.	<input type="checkbox"/>	<input type="checkbox"/>
P34. Prepare Drawing sheet.	<input type="checkbox"/>	<input type="checkbox"/>
P35. Select the tools.	<input type="checkbox"/>	<input type="checkbox"/>
P36. Make title block	<input type="checkbox"/>	<input type="checkbox"/>
P37. Divide the sheets in different equal parts.	<input type="checkbox"/>	<input type="checkbox"/>
P38. Draw square and rectangle shape as per given dimension	<input type="checkbox"/>	<input type="checkbox"/>
P39. Draw Equilateral Triangle, Isosceles triangle, Scalene Triangle, Right angle Triangle, Obtuse Triangle, Acute Triangle.	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature_____ Assessor's Signature_____

Date: _____

Assessors Judgment Guide

Qualification	National Vocational Certificate in Metal Forming & Processing Level 2
Competency Standard	Draw the Lettering and Geometrical Shapes
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">• CU1. Draw horizontal, vertical and inclined lines.• CU2. Draw Upper case and Lower-Case lettering• CU3. Draw Different type of technical drawing Lines• CU4. Draw circles, half circles, radius with compass• CU5. Construct different geometrical shapes		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
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 lines at 30, 45, 60,90and 120 angles.			
7.	Draw parallel-lines			
8.	Draw perpendicular & bisects line			
9.	Draw equal division of lines			
10.	Prepare drawing sheet as per requirement.			
11.	Select the required drawing tools.			
12.	Select proper pencil for lettering with holding techniques.			
13.	Make title block			
14.	Draw upper and lower lines for lettering according to standards.			
15.	Draw lettering with different styles like vertical, gothic, single stroke, double stroke italic.			
16.	Prepare Drawing sheet.			
17.	Select the Drawing tools as per job requirement.			
18.	Make title bar			

19.	Divide the sheets in different equal parts.			
20.	Draw Center lines,			
21.	Draw Object, border line.			
22.	Draw Hidden line.			
23.	Draw Section line.			
24.	Draw Leader line.			
25.	Draw Dimension line.			
26.	Draw Extension line.			
27.	Draw phantom line.			
28.	Draw cutting plane line.			
29.	Prepare Drawing sheet.			
30.	Select the Drawing tools as per job requirement.			
31.	Make title bar			
32.	Divide the sheets in different equal parts.			
33.	Make different diameters circles and half circles.			
34.	Prepare Drawing sheet.			
35.	Select the tools.			
36.	Make title block			
37.	Divide the sheets in different equal parts.			
38.	Draw square and rectangle shape as per given dimension			
39.	Draw Equilateral Triangle, Isosceles triangle, Scalene Triangle, Right angle Triangle, Obtuse Triangle, Acute Triangle.			

Competent <input type="checkbox"/>	Not Yet Competent <input type="checkbox"/>
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Knowledge Assessment

Qualification	National Vocational Certificate in Metal Forming & Processing Level 2
Competency Standard	Draw the Lettering and Geometrical Shapes
Purpose of Assessment	Formative Assessment
Candidate Details	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
Assessment Outcome	<div style="display: flex; justify-content: space-around;"> 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.	What is a manual drawing?		
2.	What are drafting tools?		

3.	What is 2D drawing?		

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