

## Instruction Sheet for the Candidate

<b>Qualification</b>	<b>National Vocational Certificate in Metal Forming &amp; Processing Level 3</b>
<b>Competency Standard</b>	Develop 2D drawings
<b>Purpose of Assessment</b>	<b>Formative Assessment</b>
<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 04 Hrs. time frame (for practical demonstration &amp; assessment):</b> <ul style="list-style-type: none"> <li>• CU1. Develop 2D Objects</li> <li>• CU2. Prepare Final Set of 2D Drawings</li> </ul>
<b>Time: 04 Hrs.</b>	During a practical assessment, under observation by an assessor, you are required to
<b>Minimum Evidence Required</b>	<p><b>CU1. Develop 2D Objects</b></p> <p><b>P1.</b> Setup drawing interface for required specifications</p> <p><b>P2.</b> Setup user interface settings for required specifications</p> <p><b>P3.</b> Save AutoCAD drawing files in different file formats (DWG, PDF, and JPG).</p> <p><b>P4.</b> Create 2D Objects with given measurements</p> <p><b>P5.</b> Edit 2D Objects to meet set standards</p> <p><b>CU2. Prepare Final Set of 2D Drawings</b></p> <p><b>P1.</b> Use appropriate command and tools to develop 2D Drawing</p> <p><b>P2.</b> Develop 2D Drawing with given project specifications and measurements</p> <p><b>P3.</b> Create title block layout as required</p> <p><b>P4.</b> Plot drawing on scale according to required size and orientation</p>

## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	<b>National Vocational Certificate in Metal Forming &amp; Processing Level 3</b>
<b>Competency Standard</b>	Develop 2D drawings
<b>Purpose of Assessment</b>	<b>Formative Assessment</b>
<b>Assessment Task</b>	<ul style="list-style-type: none"> <li>• CU1. Develop 2D Objects</li> <li>• CU2. Prepare Final Set of 2D Drawings</li> </ul>

I can.....

<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
<b>P1.</b> Setup drawing interface for required specifications	<input type="checkbox"/>	<input type="checkbox"/>
<b>P2.</b> Setup user interface settings for required specifications	<input type="checkbox"/>	<input type="checkbox"/>
<b>P3.</b> Save AutoCAD drawing files in different file formats (DWG, PDF, and JPG).	<input type="checkbox"/>	<input type="checkbox"/>
<b>P4.</b> Create 2D Objects with given measurements	<input type="checkbox"/>	<input type="checkbox"/>
<b>P5.</b> Edit 2D Objects to meet set standards	<input type="checkbox"/>	<input type="checkbox"/>
<b>P6.</b> Use appropriate command and tools to develop 2D Drawing	<input type="checkbox"/>	<input type="checkbox"/>
<b>P7.</b> Develop 2D Drawing with given project specifications and measurements	<input type="checkbox"/>	<input type="checkbox"/>
<b>P8.</b> Create title block layout as required	<input type="checkbox"/>	<input type="checkbox"/>
<b>P9.</b> Plot drawing on scale according to required size and orientation	<input type="checkbox"/>	<input type="checkbox"/>

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

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

## Assessors Judgment Guide

<b>Qualification</b>	<b>National Vocational Certificate in Metal Forming &amp; Processing Level 3</b>
<b>Competency Standard</b>	Develop 2D drawings
<b>Purpose of Assessment</b>	<b>Formative Assessment</b>
<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>		<ul style="list-style-type: none"> <li>CU1. Develop 2D Objects</li> <li>CU2. Prepare Final Set of 2D Drawings</li> </ul>		
<b>During the practical assessment, candidate demonstrated the following:</b>		<b>Yes</b>	<b>No</b>	<b>Remarks</b>
1.	Setup drawing interface for required specifications			
2.	Setup user interface settings for required specifications			
3.	Save AutoCAD drawing files in different file formats (DWG, PDF, and JPG).			
4.	Create 2D Objects with given measurements			
5.	Edit 2D Objects to meet set standards			
6.	Use appropriate command and tools to develop 2D Drawing			
7.	Develop 2D Drawing with given project specifications and measurements			
8.	Create title block layout as required			
9.	Plot drawing on scale according to required size and orientation			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

## Knowledge Assessment

<b>Qualification</b>	<b>National Vocational Certificate in Metal Forming &amp; Processing Level 3</b>
<b>Competency Standard</b>	Develop 2D drawings
<b>Purpose of Assessment</b>	<b>Formative Assessment</b>
<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 2D drawing?		
2.	Name any software that is used to create a drawing?		

3.	Differentiate between CHAMFER and FILLET command		

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