

## Instruction Sheet for the Candidate

<b>Qualification</b>	Agricultural Machinery Mechanic (Level-5)
<b>Competency Standard</b>	Develop 2D CAD drawings
<b>Purpose of Assessment</b>	Formative Assessment
<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 01 Hrs. time frame (for practical demonstration &amp; assessment):</b> <ul style="list-style-type: none"> <li>• Develop 2D Objects</li> <li>• Prepare Final Set of 2D Drawings</li> </ul>
<b>Time: 01 Hrs.</b>	During a practical assessment, under observation by an assessor, you are required to
<b>Minimum Evidence Required</b>	Develop 2D Objects <ol style="list-style-type: none"> <li>1. Setup the drawing interfaces for the required specifications</li> <li>2. Setup the user interface settings for the required specifications</li> <li>3. Save the CAD drawing files in various file formats such as DWG, PDF, and JPG.</li> <li>4. Create the 2D Objects with the given measurements</li> <li>5. Edit 2D Objects to meet set standards</li> </ol> Prepare Final Set of 2D Drawings <ol style="list-style-type: none"> <li>1. Use an appropriate command and tools to develop the 2D Drawing</li> <li>2. Develop a 2D Drawing with the given project specifications and measurements</li> <li>3. Create a title block layout as required</li> <li>4. Plot drawing on scale according to required size and orientation</li> </ol>

## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	Agricultural Machinery Mechanic (Level-5)
<b>Competency Standard</b>	Develop 2D CAD drawings
<b>Purpose of Assessment</b>	Formative Assessment
<b>Assessment Task</b>	<ul style="list-style-type: none"> <li>Perform Marking with Line scribe</li> <li>Perform Marking with Punch</li> <li>Use Tri-square for angle marking</li> </ul>

I can.....

<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
1. Setup the drawing interfaces for the required specifications	<input type="checkbox"/>	<input type="checkbox"/>
2. Setup the user interface settings for the required specifications	<input type="checkbox"/>	<input type="checkbox"/>
3. Save the CAD drawing files in various file formats such as DWG, PDF, and JPG.	<input type="checkbox"/>	<input type="checkbox"/>
4. Create the 2D Objects with the given measurements	<input type="checkbox"/>	<input type="checkbox"/>
5. Edit 2D Objects to meet set standards	<input type="checkbox"/>	<input type="checkbox"/>
6. Use an appropriate command and tools to develop the 2D Drawing	<input type="checkbox"/>	<input type="checkbox"/>
7. Develop a 2D Drawing with the given project specifications and measurements	<input type="checkbox"/>	<input type="checkbox"/>
8. Create a title block layout as required	<input type="checkbox"/>	<input type="checkbox"/>
9. 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>	Agricultural Machinery Mechanic (Level-5)
<b>Competency Standard</b>	Develop 2D CAD drawings
<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>	<ul style="list-style-type: none"> <li>Perform Marking with Line scribe</li> <li>Perform Marking with Punch</li> <li>Use Tri-square for angle marking</li> </ul>			
<b>During the practical assessment, candidate demonstrated the following:</b>		<b>Yes</b>	<b>No</b>	<b>Remarks</b>
1.	Setup the drawing interfaces for the required specifications			
2.	Setup the user interface settings for the required specifications			
3.	Save the CAD drawing files in various file formats such as DWG, PDF, and JPG.			
4.	Create the 2D Objects with the given measurements			
5.	Edit 2D Objects to meet set standards			
6.	Use an appropriate command and tools to develop the 2D Drawing			
7.	Develop a 2D Drawing with the given project specifications and measurements			
8.	Create a title block layout as required			
9.	Plot drawing on scale according to required size and orientation			
<b>Competent</b> <input type="checkbox"/>		<b>Not Yet Competent</b> <input type="checkbox"/>		

## Knowledge Assessment

<b>Qualification</b>	Agricultural Machinery Mechanic (Level-5)
<b>Competency Standard</b>	Develop 2D CAD drawings
<b>Purpose of Assessment</b>	Formative Assessment
<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.	CAD Stands for?		
2.	What is the difference between JPG & PDF?		
3.	Describe CIRCLE and ROTATE short commands?		

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