

# **Assessment Evidence Guide**

**For**

**Woodworks  
(Carpentry Technician)  
Level-3**

**(Formative Assessment)**



**National Vocational & Technical Training  
Commission Islamabad**

## Instruction Sheet for the Candidate

<b>Qualification</b>	National Competency Standards Level-3 for Woodworks "Carpentry Technician"
<b>Competency Standard</b>	0722-W&C-15 Perform Carving Operations
<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> <ul style="list-style-type: none"> <li>• Read Drawing</li> <li>• Specify the Shape to be Carved</li> <li>• Mark the Shape on the wood as per Drawing</li> <li>• Specify the carving Machine / Tools</li> <li>• Perform Carving Operation</li> </ul>
<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>Read Drawing</b></p> <ol style="list-style-type: none"> <li>1. Collect the Drawing/ Design</li> <li>2. Interpret the Drawing</li> <li>3. Follow the Drawing Instructions</li> </ol> <p><b>Specify the Shape to be Carved</b></p> <ol style="list-style-type: none"> <li>1. Specify Drawing on Wood to be Carved</li> <li>2. Set Dimensions To be Carved</li> <li>3. Adjust Block using Cutting Tools</li> </ol> <p><b>Mark the Shape on the wood as per Drawing</b></p> <ol style="list-style-type: none"> <li>1. Select tools for marking and measuring</li> <li>2. Mark wood as per drawing</li> <li>3. Clamp the Wood</li> <li>4. Carving Wood with Carving Tools</li> </ol>

	<p><b>Specify the carving Machine / Tools</b></p> <ol style="list-style-type: none"> <li>1. Identify the Carving Types</li> <li>2. Choose Tools for Carving</li> <li>3. Select Suitable Carving Machine</li> </ol> <p><b>Perform Carving Operation</b></p> <ol style="list-style-type: none"> <li>1. Mark the job for profile/shape.</li> <li>2. Install the required accessories</li> <li>3. Set the Required Angle</li> <li>4. Adjust Fake Fence</li> <li>5. Set machine as per operation.</li> <li>6. Perform test Carve.</li> <li>7. Perform Carving</li> <li>8. Take Appropriate Safety Measure</li> </ol>
<b>Portfolios</b>	<b>Portfolios required at the time of assessment (if any)</b>



## Observation Checklist

<b>Assessment Task</b>	<ul style="list-style-type: none"> <li>• Read The Drawing</li> <li>• Specify the Shape to be Carved</li> <li>• Mark the Shape on the wood as per Drawing</li> <li>• Specify the carving Machine / Tools</li> <li>• Perform The Carving Operation</li> </ul>			
<b>During the practical assessment, candidate demonstrated the following:</b>		<b>Yes</b>	<b>No</b>	<b>Remarks</b>
1.	Collect the Drawing/ Design			
2.	Interpret the Drawing			
3.	Follow the Drawing Instructions			
4.	Specify Drawing on Wood to be Carved			
5.	Set Dimensions To be Carved			
6.	Adjust Block using Cutting Tools			
7.	Select tools for marking and measuring			
8.	Mark wood as per drawing			
9.	Clamp the Wood			
10.	Carving Wood with Carving Tools			
11.	Identify the Carving Types			
12.	Choose Tools for Carving			
13.	Select Suitable Carving Machine			
14.	Mark the job for profile/shape.			
15.	Install the required accessories			
16.	Set the Required Angle			

17.	Adjust Fake Fence			
18.	Set machine as per operation.			
19.	Perform test Carve.			
20.	Perform Carving			
21.	Take Appropriate Safety Measure			
<b>Competent</b> <input type="checkbox"/>		<b>Not Yet Competent</b> <input type="checkbox"/>		

## Knowledge Assessment

<b>Qualification</b>	National Competency Standards Level-3 for Woodworks "Carpentry Technician"
<b>Competency Standard</b>	0722-W&C-15 Perform Carving Operations
<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.

	Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)	Satisfactory	Not Satisfactory
1.	How job is, perform on lathe machine?  _____		
2.	Enlist PPES for perform carving  _____		
3.	Enlist the tools used for carving		

4.	How to check the balancing of the wood piece on lathe machine?		
5.	Define working drawing/ section drawing?		



## Knowledge Assessment-Answers

1.	<p>How job is, perform on lathe machine?</p> <ol style="list-style-type: none"> <li>1. Clamp the wood piece in machine chucks firmly</li> <li>2. Adjust the fence</li> <li>3. Mark the wooden piece as per drawing</li> <li>4. Select the desired knife</li> </ol>
2.	<p>Enlist PPES for perform carving</p> <ol style="list-style-type: none"> <li>3. Goggles</li> <li>4. Ear plugs</li> <li>5. Protective gloves</li> <li>6. Safety shoes</li> <li>7. Coverall</li> </ol>
8.	<p>Enlist the tools used for carving</p> <ol style="list-style-type: none"> <li>1. Straight gouges (different shapes)</li> <li>2. Straight chisel</li> <li>3. Vernier caliper</li> <li>4. Mallets</li> <li>5. Steel ruler</li> <li>6. Pencil</li> </ol>
4.	<p>How to check the balancing of the wood piece on lathe machine?</p> <ol style="list-style-type: none"> <li>9. Mark the center point of the wood piece</li> <li>10. Tight the chuck of the lathe machine</li> <li>11. Adjust the fence with wood piece</li> <li>12. Check the distance of wood piece with fence</li> <li>13. Rotate the wood piece freely</li> </ol>
5.	<p>Define working drawing/ section drawing?</p> <p>A working drawing is a drawing or blueprint based on explanations. It is completed with a thorough plan and views (details, notes and dimensions) to ensure the product construction or replication without any additional information.</p>