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# FURNITURE TECHNICIAN



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**ASSESSMENT PACKAGE**  
National Vocational Certificate Level 2

Version 1 - May, 2019



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**Document Version**

May, 2019

**Islamabad, Pakistan**

# FURNITURE TECHNICIAN



**ASSESSMENT PACKAGE**  
National Vocational Certificate Level 2

Version 1 - May, 2019

<b>Title of Qualification:</b> National Vocational Certificate Level 2 in Furniture Technician (Carpenter)	CS Code:	Level: 02	Version: 01
<b>Competency Standard Title:</b> Apply surface aesthetics	<b>Assessment Date (DD/MM/YY):</b>		

Candidate Details	Name: .....  Registration/Roll Number: .....
Guidance for Candidate	<p><b>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration &amp; assessment):</b></p> <ol style="list-style-type: none"> <li>1. <b>Assessment Task 1:</b> Perform profiling of <b>ONE straight</b> and <b>ONE Curved</b> component as per drawing provided by your assessor</li> <li>2. <b>Assessment Task 2:</b> Perform turning of ONE component as per drawing provided by your assessor</li> <li>3. <b>Assessment Task 3:</b> Perform Carving on ONE furniture component manually as per template or drawing provided by your assessor</li> <li>4. <b>Assessment Task 3:</b> Perform Marquetry/Parquetry manually on ONE board manually as per drawing provided by your assessor</li> </ol> <p><b>And complete:</b></p> <ol style="list-style-type: none"> <li>5. <b>Knowledge assessment test (Written or Oral)</b></li> <li>6. <b>Portfolios at the time of assessment (if any)</b></li> </ol>
Minimum Evidence Required	<p><b>During a practical assessment, under observation by an assessor, you will complete:</b></p> <p><b>Assessment Task 1</b></p> <p>Performance Criteria 1: Properly wear Personal Protective Equipment appropriate to the risks at workplace</p> <p>Performance Criteria 2: Equip machine with required tools (cutters, blades, profiles, bits, Jigs, Fixtures etc.)</p> <p>Performance Criteria 3: Perform profiling of straight components using required processes (Grooving, Rabbeting, Tenoning, Mortising, Shaping etc.) as per drawing</p> <p>Performance Criteria 4: Perform profiling of curved components using required processes (Grooving, Rabbeting, Tenoning, Mortising, Shaping etc.) as per drawing</p> <hr/> <p><b>Assessment Task 2</b></p> <p>Performance Criteria 1: Equip machine with required tools (Chucks, chisels, gouges, Fixtures etc.)</p> <p>Performance Criteria 2: Perform Cylinder turning of components to achieve required finish as per drawing</p> <p>Performance Criteria 3: Perform face plate turning of components to achieve required finish as per drawing</p> <p>Performance Criteria 4: Perform buffing of the components as per product requirement</p>

	<p><b>Assessment Task 3</b></p> <p>Performance Criteria 1: Align the work piece on workstation</p> <p>Performance Criteria 2: Paste the drawing paper on work pieces as per process requirement</p> <p>Performance Criteria 3: Mark the carving design on work piece using template as per process requirement</p> <p>Performance Criteria 4: Carve the design using required tools (Chisel, Gouges etc.) as per drawing or marking</p> <p>Performance Criteria 5: Perform sanding on carved design to achieve required smoothness</p>
	<p><b>Assessment Task 4</b></p> <p>Performance Criteria 1: Paste Marquetry/ Parquetry drawing on Veneer sheets</p> <p>Performance Criteria 2: Align multiple veneer sheets as per tool (Scroll Saw, Copying Saw, Fret Saw) capacity</p> <p>Performance Criteria 3: Bore blade entry holes on the Veneer sheets as per process requirement</p> <p>Performance Criteria 4: Cut veneer sheets as per Marquetry/ Parquetry drawing</p> <p>Performance Criteria 5: Paste Marquetry/ Parquetry Veneer Layer on required board as per product design</p> <p>Performance Criteria 6: Fill gaps of cutting faults to achieve required Marquetry/ Parquetry finish</p> <p>Performance Criteria 7: Keep work area clean and clear of obstructions to prevent potential accident or injury</p> <p>Performance Criteria 8: Prepare a report of completed work including sizes and quantities produced</p>
	<p><b>Portfolios required at the time of assessment (if any) for</b></p> <p>Performance criteria 1 for the evaluation of portfolio: Diary log of practical work for performing profiling of wooden components</p> <p>Performance criteria 2 for the evaluation of portfolio: Diary log of practical work for performing turning of wooden components</p> <p>Performance criteria 3 for the evaluation of portfolio: Diary log of practical work for performing carving manually</p> <p>Performance criteria 4 for the evaluation of portfolio: Diary log of practical work for performing Marquetry/Parquetry manually</p>

*Continued on following page*

**Assessors Judgment Guide** (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: ..... Registration/Roll Number: ..... Candidate Signature:.....
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: ..... Assessor's code: ..... Signature of the Assessor:.....

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Nature of Activity							
Practical Skill Demonstration			✓				
Knowledge Assessment	✓	✓					
Other Requirement				✓			
Each Assessment Task (with performance criteria)							
Assessment Task 1			Description of assessment task 1 Perform profiling of ONE straight and ONE Curved component as per drawing provided by your assessor				
During the practical assessment, candidate demonstrated the following:					Yes	No	Remarks
1	Performance Criteria 1: Properly wear Personal Protective Equipment appropriate to the risks at workplace						
2	Performance Criteria 2: Equip machine with required tools (cutters, blades, profiles, bits, Jigs, Fixtures etc.)						
3	Performance Criteria 3: Perform profiling of straight components using required processes (Grooving, Rabbeting, Tenoning, Mortising, Shaping etc.) as per drawing						
4	Performance Criteria 4: Perform profiling of curved components using required processes (Grooving, Rabbeting, Tenoning, Mortising, Shaping etc.) as per drawing						
Competent <input type="checkbox"/>			Not Yet Competent <input type="checkbox"/>				

Assessment Task 2		Description of assessment task 2 Perform turning of ONE component as per drawing provided by your assessor		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Equip machine with required tools (Chucks, chisels, gouges, Fixtures etc.)			
2	Performance Criteria 2: Perform Cylinder turning of components to achieve required finish as per drawing			
3	Performance Criteria 3: Perform face plate turning of components to achieve required finish as per drawing			
4	Performance Criteria 4: Perform buffing of the components as per product requirement			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 3		Description of assessment task 3 Perform Carving on ONE furniture component manually as per template or drawing provided by your assessor		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Align the work piece on workstation			
2	Performance Criteria 2: Paste the drawing paper on work pieces as per process requirement			
3	Performance Criteria 3: Mark the carving design on work piece using template as per process requirement			
4	Performance Criteria 4: Carve the design using required tools (Chisel, Gouges etc.) as per drawing or marking			
5	Performance Criteria 5: Perform sanding on carved design to achieve required smoothness			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 4		Description of assessment task 4 Perform Marquetry/Parquetry manually on ONE board manually as per drawing provided by your assessor		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Paste Marquetry/ Parquetry drawing on Veneer sheets			
2	Performance Criteria 2: Align multiple veneer sheets as per tool (Scroll Saw, Copying Saw, Fret Saw) capacity			
3	Performance Criteria 3: Bore blade entry holes on the Veneer sheets as per process requirement			
4	Performance Criteria 4: Cut veneer sheets as per Marquetry/ Parquetry drawing			
5	Performance Criteria 5: Paste Marquetry/ Parquetry Veneer Layer on required board as per product design			
6	Performance Criteria 6: Fill gaps of cutting faults to achieve required Marquetry/ Parquetry finish			
7	Performance Criteria 7: Keep work area clean and clear of obstructions to prevent potential accident or injury			
8	Performance Criteria 8: Prepare a report of completed work including sizes and quantities produced			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio Diary log of practical work		
Current <input type="checkbox"/>	Sufficient <input type="checkbox"/>	Authentic <input type="checkbox"/>	Valid <input type="checkbox"/>	Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Performance criteria 1: Diary log of practical work for performing profiling of wooden components			
2	Performance criteria 2: Diary log of practical work for performing turning of wooden components			
3	Performance criteria 3: Diary log of practical work for performing carving manually			
4	Performance criteria 4: Diary log of practical work for performing Marquetry/Parquetry manually			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		



<b>Title of Qualification:</b> National Vocational Certificate Level 2 in Furniture Technician (Carpenter)	CS Code:	Level: 02	Version: 01
<b>Competency Standard Title:</b> Assemble Furniture Products	<b>Assessment Date (DD/MM/YY):</b>		

Candidate Details	Name: .....  Registration/Roll Number: .....
Guidance for Candidate	<p><b>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration &amp; assessment):</b></p> <p><b>7. Assessment Task 1:</b> Pre-assemble parts of ONE furniture product as per drawing provided by your assessor</p> <p><b>8. Assessment Task 2:</b> Assemble ONE furniture product as per drawing provided by your assessor</p> <p><b>And complete:</b></p> <p><b>9. Knowledge assessment test (Written and oral)</b></p> <p><b>10. Portfolios at the time of assessment (if any)</b></p>
Minimum Evidence Required	<p><b>During a practical assessment, under observation by an assessor, you will complete:</b></p> <p><b>Assessment Task 1</b></p> <p>Performance Criteria 1: Prepare surface of components by Sanding before pre-assembly</p> <p>Performance Criteria 2: Assemble the components to prepare structures of furniture parts maintaining required alignment and angles</p> <p>Performance Criteria 3: Polish assembled structures to achieve required semi-finish</p>
	<p><b>Assessment Task 2</b></p> <p>Performance Criteria 1: Fix pre-assembled parts into final product maintaining required alignment and angles</p> <p>Performance Criteria 2: Attach hardware and accessories as per product design</p>
	<p><b>Portfolios required at the time of assessment (if any) for</b></p> <p>Performance criteria 1 for the evaluation of portfolio: Diary log of completed work in assembling furniture products</p>

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**Assessors Judgment Guide** (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: ..... Registration/Roll Number: ..... Candidate Signature:.....
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: ..... Assessor's code: ..... Signature of the Assessor:.....

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Nature of Activity							
Practical Skill Demonstration			✓				
Knowledge Assessment	✓	✓					
Other Requirement				✓			
Each Assessment Task (with performance criteria)							
Assessment Task 1			Description of assessment task 1 Pre-assemble parts of ONE furniture product as per drawing provided by your assessor				
During the practical assessment, candidate demonstrated the following:					Yes	No	Remarks
1	Performance Criteria 1: Prepare surface of components by Sanding before pre-assembly						
2	Performance Criteria 2: Assemble the components to prepare structures of furniture parts maintaining required alignment and angles						
3	Performance Criteria 3: Polish assembled structures to achieve required semi-finish						
Competent <input type="checkbox"/>			Not Yet Competent <input type="checkbox"/>				

Assessment Task 2			Description of assessment task 2 Assemble ONE furniture product as per drawing provided by your assessor				
During the practical assessment, candidate demonstrated the following:					Yes	No	Remarks
1	Performance Criteria 1: Fix pre-assembled parts into final product maintaining required alignment and angles						
2	Performance Criteria 2: Attach hardware and accessories as per product design						
Competent <input type="checkbox"/>			Not Yet Competent <input type="checkbox"/>				

Portfolio (if any)		Description of portfolio Diary work of completed work.		
Current <input type="checkbox"/>		Sufficient <input type="checkbox"/>		Authentic <input type="checkbox"/>
		Valid <input type="checkbox"/>		Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Performance criteria 1: Diary log of completed work in assembling furniture products			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

<b>Title of Qualification:</b> National Vocational Certificate Level 2 in Furniture Technician (Carpenter)	CS Code:	Level: 02	Version: 01
<b>Competency Standard Title:</b> Develop drawings of furniture products manually	<b>Assessment Date (DD/MM/YY):</b>		

Candidate Details	Name: .....  Registration/Roll Number: .....
Guidance for Candidate	<p><b>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration &amp; assessment):</b></p> <p><b>11. Assessment Task 1:</b> Develop component and size chart of a Furniture product correctly, provided by your assessor</p> <p><b>12. Assessment Task 2:</b> Prepare 2D Multiview drawing of the Furniture provided by your assessor, on a drafting sheet including hatches, symbols, and dimensions using appropriate methods</p> <p><b>13. Assessment Task 3:</b> Prepare 2D Multiview drawing of Furniture Components provided by your assessor, on a drafting sheet including hatches, symbols, and dimensions using appropriate methods</p> <p><b>And complete:</b></p> <p><b>14. Knowledge assessment test (Written)</b></p> <p><b>15. Portfolios at the time of assessment (if any)</b></p>
Minimum Evidence Required	<p><b>During a practical assessment, under observation by an assessor, you will complete:</b></p> <p><b>Assessment Task 1</b></p> <p>Performance Criteria 1: Record measurements of all components of the product</p> <p>Performance Criteria 2: Prepare drawing measurements as per plotter/paper scale</p>
	<p><b>Assessment Task 2</b></p> <p>Performance Criteria 1: Prepare drawing workstation including all required tools and equipment</p> <p>Performance Criteria 2: Draw 2D Multiview of the product as per required measurements</p> <p>Performance Criteria 3: Apply Hatches on the drawing to identify component material and Upholstery</p> <p>Performance Criteria 4: Draw symbols on the drawing to identify hardware</p> <p>Performance Criteria 5: Mention all dimensions on the drawing</p>
	<p><b>Assessment Task 3</b></p> <p>Performance Criteria 1: Draw 2D Multiview of all components of the product as per required measurements</p> <p>Performance Criteria 2: Apply Hatches on the drawing to identify component material and Upholstery</p> <p>Performance Criteria 3: Draw symbols on the drawing to identify hardware</p> <p>Performance Criteria 4: Mention all dimensions on the drawing</p>
	<p><b>Portfolios required at the time of assessment (if any) for</b></p> <p>Performance criteria 1 for the evaluation of portfolio: Diary log of practical work on preparing 2D Multiview drawing of the Furniture</p> <p>Performance criteria 2 for the evaluation of portfolio: Diary log of practical work on preparing 2D Multiview drawing of the Furniture Components</p>

**Assessors Judgment Guide** (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: ..... Registration/Roll Number: ..... Candidate Signature:.....
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: ..... Assessor's code: ..... Signature of the Assessor:.....

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				✓			
Each Assessment Task (with performance criteria)							
Assessment Task 1			Description of assessment task 1 Develop component and size chart of a Furniture product correctly, provided by your assessor				
During the practical assessment, candidate demonstrated the following:					Yes	No	Remarks
1	Performance criteria 1: Record measurements of all components of the product						
2	Performance criteria 2: Prepare drawing measurements as per plotter/paper scale						
Competent <input type="checkbox"/>			Not Yet Competent <input type="checkbox"/>				

Assessment Task 2		Description of assessment task 2 Prepare 2D Multiview drawing of the Furniture provided by your assessor, on a drafting sheet including hatches, symbols, and dimensions using appropriate methods		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Prepare drawing workstation including all required tools and equipment			
2	Performance criteria 2: Draw 2D Multiview of the product as per required measurements			
3	Performance criteria 3: Apply Hatches on the drawing to identify component material and Upholstery			
4	Performance criteria 4: Draw symbols on the drawing to identify hardware			
5	Performance criteria 5: Mention all dimensions on the drawing			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 3		Description of assessment task 3 Prepare 2D Multiview drawing of Furniture Components provided by your assessor, on a drafting sheet including hatches, symbols, and dimensions using appropriate methods		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Performance Criteria 1: Draw 2D Multiview of all components of the product as per required measurements			
2	Performance criteria 2: Apply Hatches on the drawing to identify component material and Upholstery			
3	Performance criteria 3: Draw symbols on the drawing to identify hardware			
4	Performance criteria 4: Mention all dimensions on the drawing			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio Diary log of practical work		
Current <input type="checkbox"/>		Sufficient <input type="checkbox"/>		Authentic <input type="checkbox"/>
		Valid <input type="checkbox"/>		Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Performance criteria 1: Diary log of practical work on preparing 2D Multiview drawing of the Furniture			
2	Performance criteria 2: Diary log of practical work on preparing 2D Multiview drawing of the Furniture Components			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

<b>Title of Qualification:</b> National Vocational Certificate Level 2 in Furniture Technician (Carpenter)	CS Code:	Level: 02	Version: 01
<b>Competency Standard Title:</b> Make Furniture Joints	<b>Assessment Date (DD/MM/YY):</b>		

Candidate Details	Name: .....  Registration/Roll Number: .....
Guidance for Candidate	<p><b>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration &amp; assessment):</b></p> <p><b>16. Assessment Task 1:</b> Prepare One joint set as per drawing provided by your assessor</p> <p><b>17. Assessment Task 2:</b> Assemble the joint to prepare One furniture part as per drawing provided by your assessor</p> <p><b>And complete:</b></p> <p><b>18. Knowledge assessment test (Written)</b></p> <p><b>19. Portfolios at the time of assessment (if any)</b></p>
Minimum Evidence Required	<p><b>During a practical assessment, under observation by an assessor, you will complete:</b></p> <p><b>Assessment Task 1</b></p> <p>Performance Criteria 1: Mark joint lines as per drawing</p> <p>Performance Criteria 2: Properly wear Personal Protective Equipment appropriate to the risks at workplace</p> <p>Performance Criteria 3: Perform Ripping as per joint requirement</p> <p>Performance Criteria 4: Perform Chiseling as per joint requirement</p> <p>Performance Criteria 5: Perform Cross Cutting as per joint requirement</p> <p>Performance Criteria 6: Perform Boring as per joint requirement</p> <p>Performance Criteria 7: Perform Rabbeting / Grooving as per joint requirement</p> <p>Performance Criteria 8: Perform Sizing of joint as per drawing</p>
	<p><b>Assessment Task 2</b></p> <p>Performance Criteria 1: Join components to prepare furniture parts as per design</p> <p>Performance Criteria 2: Apply reinforcements (Spline, Pins, Nails, Dowels etc.) as per joint requirement</p> <p>Performance Criteria 3: Keep work area clean and clear of obstructions to prevent potential accident or injury</p> <p>Performance Criteria 4: Prepare a report of completed work including sizes and quantities produced</p>
	<p><b>Portfolios required at the time of assessment (if any) for</b></p> <p>Performance criteria 1 for the evaluation of portfolio: Diary log of practical work for preparation of joints</p> <p>Performance criteria 2 for the evaluation of portfolio: Diary log of practical work for assembling joints</p>

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Assessment Task 2		Description of assessment task 2 Assemble the joint to prepare One furniture part as per drawing provided by your assessor		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Join components to prepare furniture parts as per design			
2	Performance Criteria 2: Apply reinforcements (Spline, Pins, Nails, Dowels etc.) as per joint requirement			
3	Performance Criteria 3: Keep work area clean and clear of obstructions to prevent potential accident or injury			
4	Performance Criteria 4: Prepare a report of completed work including sizes and quantities produced			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio Diary log of practical work		
Current <input type="checkbox"/>		Sufficient <input type="checkbox"/>		Authentic <input type="checkbox"/>
		Valid <input type="checkbox"/>		Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Performance criteria 1: Diary log of practical work for preparation of joints			
2	Performance criteria 2: Diary log of practical work for assembling joints			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

<b>Title of Qualification:</b> National Vocational Certificate Level 2 in Furniture Technician (Carpenter)	CS Code: 	Level: 02	Version: 01
<b>Competency Standard Title:</b> Prepare wooden components of the furniture Maintain Safe Work Environment Demonstrate Communication Skills	<b>Assessment Date (DD/MM/YY):</b>		

Candidate Details	Name: ..... Registration/Roll Number: .....
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Guidance for Candidate	<p><b>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration &amp; assessment):</b></p> <p><b>20. Assessment Task 1:</b> Cut <b>ONE Wood Log</b> into required sized Planks using Log Band Saw or Wood Mizer as specified by your assessor</p> <p><b>21. Assessment Task 2:</b> Prepare templates for <b>TWO Furniture Components</b> using drawings provided by your assessor</p> <p><b>22. Assessment Task 3:</b> Cut <b>ONE Wood Plank</b> into furniture components as per prepared template or drawing provided/specified by your assessor</p> <p><b>23. Assessment Task 4:</b> Cut <b>ONE Board or Panel</b> into furniture components as per prepared template or drawing provided by your assessor</p> <p><b>24. Assessment Task 5:</b> Plane surfaces of <b>ONE Wooden Component</b> as specified by your assessor</p> <p><b>25. Assessment Task 6:</b> Finalize the size of <b>ONE Wooden Component</b> as per the drawing provided by your assessor</p> <p><b>And complete:</b></p> <p><b>26. Knowledge assessment test (Written)</b></p> <p><b>27. Portfolios at the time of assessment (if any)</b></p>
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Minimum Evidence Required	<p><b>During a practical assessment, under observation by an assessor, you will complete:</b></p> <p><b>Assessment Task 1</b></p> <p>Performance Criteria 1: Properly wear Personal Protective Equipment appropriate to the risks at workplace</p> <p>Performance Criteria 2: Ensure alignment of log on machine trolley</p> <p>Performance Criteria 3: Cut planks from log as per size requirements while maintaining safety and workplace cleanliness</p> <p>Performance Criteria 4: Mark and record the sizes of planks</p> <p>Performance Criteria 5: Stack the planks as per seasoning requirement</p> <hr/> <p><b>Assessment Task 2</b></p> <p>Performance Criteria 1: Paste the drawing on the template material (Ply Wood, Medium Density Fiber Board, Solid Wood etc.)</p> <p>Performance Criteria 2: Cut the template as per drawing while maintaining safety and workplace cleanliness</p> <p>Performance Criteria 3: Finish the edges of template to achieve accurate profile</p> <hr/> <p><b>Assessment Task 3</b></p> <p>Performance Criteria 1: Trace various components on the plank using drawings/template considering wood grains while maintaining cutting efficiency/average</p> <p>Performance Criteria 2: Cut furniture components from planks as per tracing or using jigs/fixtures/fences while maintaining personal safety and workplace cleanliness</p>
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	<p><b>Assessment Task 4</b></p> <p>Performance Criteria 1: Trace various components on the board / panel using drawings/template while maintaining cutting efficiency/average for curved work/job</p> <p>Performance Criteria 2: Cut furniture components from board / panel as per size using fences while maintaining personal safety and workplace cleanliness</p>
	<p><b>Assessment Task 5</b></p> <p>Performance Criteria 1: Plane the surface of workpiece to maintain surface evenness / smoothness</p> <p>Performance Criteria 2: Plane edges of workpiece to maintain right angle</p>
	<p><b>Assessment Task 6</b></p> <p>Performance Criteria 1: Plane the workpiece to achieve required thickness</p> <p>Performance Criteria 2: Plain Plane the workpiece to achieve required width</p> <p>Performance Criteria 3: Cut the workpiece to achieve final size as per drawing while maintaining personal safety and workplace cleanliness</p> <p>Performance Criteria 4: Prepare a report of completed work including sizes and quantities produced</p>
	<p><b>Portfolios required at the time of assessment (if any) for</b></p> <p>Performance criteria 1 for the evaluation of portfolio: Nil</p> <p>Performance criteria 2 for the evaluation of portfolio: Nil</p> <p>Performance criteria 3 for the evaluation of portfolio: Nil</p> <p>.....</p>

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**Assessors Judgment Guide** (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: ..... Registration/Roll Number: ..... Candidate Signature:.....
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: ..... Assessor's code: ..... Signature of the Assessor:.....

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							
Each Assessment Task (with performance criteria)							
Assessment Task 1			Description of assessment task 1 Cut ONE Wood Log into required sized Planks using Log Band Saw or Wood Mizer as specified by your assessor				
During the practical assessment, candidate demonstrated the following:					Yes	No	Remarks
1	Performance criteria 1: Ensure alignment of log on machine trolley						
2	Performance criteria 2: Properly wear Personal Protective Equipment appropriate to the risks at workplace						
3	Performance criteria 3: Cut planks from log as per size requirements while maintaining safety and workplace cleanliness						
4	Performance criteria 4: Mark and record the sizes of planks						
5	Performance criteria 5: Stack the planks as per seasoning requirement						
Competent <input type="checkbox"/>				Not Yet Competent <input type="checkbox"/>			

Assessment Task 2		Description of assessment task 2 Prepare templates for TWO Furniture Components using drawings provided by your assessor		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Paste the drawing on the template material (Ply Wood, Medium Density Fiber Board, Solid Wood etc.)			
2	Performance criteria 2: Cut the template as per drawing while maintaining safety and workplace cleanliness			
3	Performance criteria 3: Finish the edges of template to achieve accurate profile			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 3		Description of assessment task 3 Cut ONE Wood Plank into furniture components as per prepared template or drawing provided/specified by your assessor		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Trace various components on the plank using drawings/template considering wood grains while maintaining cutting efficiency/average			
2	Performance criteria 2: Cut furniture components from planks as per tracing or using jigs/fixtures/fences while maintaining personal safety and workplace cleanliness			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 4		Description of assessment task 4 Cut ONE Board or Panel into furniture components as per prepared template or drawing provided by your assessor		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Trace various components on the board / panel using drawings/template while maintaining cutting efficiency/average for curved work/job			
2	Performance criteria 2: Cut furniture components from board / panel as per size using fences while maintaining personal safety and workplace cleanliness			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 5		Description of assessment task 5 Plane surfaces of ONE Wooden Component as specified by your assessor		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Plane the surface of workpiece to maintain surface evenness / smoothness			
2	Performance criteria 2: Plane edges of workpiece to maintain right angle			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 6		Description of assessment task 6 Finalize the size of ONE Wooden Component as per the drawing provided by your assessor		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Plane the workpiece to achieve required thickness			
2	Performance criteria 2: Plain Plane the workpiece to achieve required width			
3	Performance criteria 3: Cut the workpiece to achieve final size as per drawing while maintaining personal safety and workplace cleanliness			
4	Performance criteria 4: Prepare a report of completed work including sizes and quantities produced			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

<b>Title of Qualification:</b> National Vocational Certificate Level 2 in Furniture Technician (Carpenter) (0722 CFT 007)	CS Code:	Level: 02	Version: 01
<b>Competency Standard Title:</b>	<b>Assessment Date (DD/MM/YY):</b>	<b>Duration</b> 15 hrs	

Candidate Details	Name: .....  Registration/Roll Number: .....
Guidance for Candidate	<p><b>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration &amp; assessment):</b></p> <p><b>28. Assessment Task 1:</b> Prepare working drawing of ONE furniture product assigned by the assessor</p> <p><b>29. Assessment Task 2:</b> Prepare and assemble components of ONE furniture product using rough cut material as per drawings provided by the assessor and prepare report of completed work</p> <p><b>And complete:</b></p> <p><b>30. Knowledge assessment test (Written or Oral)</b></p> <p><b>31. Portfolios at the time of assessment (if any)</b></p>
Minimum Evidence Required	<p><b>During a practical assessment, under observation by an assessor, you will complete:</b></p> <p><b>Assessment Task 1</b></p> <p>Performance Criteria 1: Record measurements of all components of the product</p> <p>Performance Criteria 2: Prepare drawing measurements as per plotter/paper scale</p> <p>Performance Criteria 3: Prepare drawing workstation including all required tools and equipment</p> <p>Performance Criteria 4: Draw 2D Multiview of the product as per required measurements</p> <p>Performance Criteria 5: Apply Hatches on the drawing to identify component material and Upholstery</p> <p>Performance Criteria 6: Draw symbols on the drawing to identify hardware</p> <p>Performance Criteria 7: Mention all dimensions on the drawing</p> <p>Performance Criteria 8: Draw 2D Multiview of all components of the product as per required measurements</p> <p>Performance Criteria 9: Apply Hatches on the drawing to identify component material and Upholstery</p> <p>Performance Criteria 10: Draw symbols on the drawing to identify hardware</p> <p>Performance Criteria 11: Mention all dimensions on the drawing</p>

## Assessment Task 2

Performance Criteria 1: Properly wear Personal Protective Equipment appropriate to the risks at workplace

Performance Criteria 2: Plane surfaces of wooden components

- Plane the surface of workpiece to maintain surface evenness / smoothness
- Plane edges of workpiece to maintain right angle

Performance Criteria 3: Finalize the size of wooden components

- Plane the workpiece to achieve required thickness
- Plane the workpiece to achieve required width
- Cut the workpiece to achieve final size as per drawing

Performance Criteria 4: Prepare joints as per design / drawing using following processes (whichever applicable)

- Mark joint lines as per drawing
- Perform Ripping as per joint requirement
- Perform Chiselling as per joint requirement
- Perform Cross Cutting as per joint requirement
- Perform Boring as per joint requirement
- Perform Rabbeting / Grooving as per joint requirement
- Perform Sizing of joint as per drawing

Performance Criteria 5: Assemble joints

- Join components to prepare furniture parts as per design
- Apply reinforcements (Splines, Pins, Nails, Dowels etc.) as per joint requirement

Performance Criteria 6: Apply surface aesthetics using any of the following methods as per drawing

- Perform profiling of components
  - Equip machine with required tools (cutters, blades, profiles, bits, Jigs, Fixtures etc.)
  - Perform profiling of straight components using required processes (Grooving, Rabbeting, Tenoning, Mortising, Shaping etc.) as per drawing
  - Perform profiling of curved components using required processes (Grooving, Rabbeting, Tenoning, Mortising, Shaping etc.) as per drawing
- Perform turning of components
  - Equip machine with required tools (Chucks, chisels, gouges, Fixtures etc.)
  - Perform Cylinder turning of components to achieve required finish as per drawing
  - Perform face plate turning of components to achieve required finish as per drawing
  - Perform buffing of the components as per product requirement
- Perform Carving Manually
  - Align the workpiece on workstation
  - Paste the drawing paper on workpieces as per process requirement
  - Mark the carving design on workpiece using template as per process requirement
  - Carve the design using required tools (Chisel, Gouges etc.) as per drawing or marking
  - Perform sanding on carved design to achieve required smoothness
- Perform Marquetry/Parquetry Manually
  - Paste Marquetry/ Parquetry drawing on Veneer sheets



	<ul style="list-style-type: none"> <li>○ Align multiple veneer sheets as per tool (Scroll Saw, Copying Saw, Fret Saw) capacity</li> <li>○ Bore blade entry holes on the Veneer sheets as per process requirement</li> <li>○ Cut veneer sheets as per Marquetry/ Parquetry drawing</li> <li>○ Paste Marquetry/ Parquetry Veneer Layer on required board as per product design</li> <li>○ Fill gaps of cutting faults to achieve required Marquetry/ Parquetry finish</li> </ul> <p>Performance Criteria 7: Assemble furniture product</p> <ul style="list-style-type: none"> <li>● Prepare surface of components by Sanding before pre-assembly</li> <li>● Assemble the components to prepare structures of furniture parts maintaining required alignment and angles</li> <li>● Polish assembled structures to achieve required semi-finish</li> <li>● Fix pre-assembled parts into final product maintaining required alignment and angles</li> <li>● Attach hardware and accessories as per product design</li> </ul> <p>Performance Criteria 8: Record production and quality status on production report</p>
	<p><b>Portfolios required at the time of assessment (if any) for</b></p> <p>Performance criteria 1 for the evaluation of portfolio: Diary log of completed drawings of furniture products</p>

*Continued on following page*



Each Assessment Task (with performance criteria)				
Assessment Task 1		Description of assessment task 1 Prepare working drawing of ONE furniture product assigned by the assessor		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Record measurements of all components of the product			
2	Performance Criteria 2: Prepare drawing measurements as per plotter/paper scale			
3	Performance Criteria 3: Prepare drawing workstation including all required tools and equipment			
4	Performance Criteria 4: Draw 2D Multiview of the product as per required measurements			
5	Performance Criteria 5: Apply Hatches on the drawing to identify component material and Upholstery			
6	Performance Criteria 6: Draw symbols on the drawing to identify hardware			
7	Performance Criteria 7: Mention all dimensions on the drawing			
8	Performance Criteria 8: Draw 2D Multiview of all components of the product as per required measurements			
9	Performance Criteria 9: Apply Hatches on the drawing to identify component material and Upholstery			
10	Performance Criteria 10: Draw symbols on the drawing to identify hardware			
11	Performance Criteria 11: Mention all dimensions on the drawing			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 2		Description of assessment task 2 Prepare and assemble components of ONE furniture product using rough cut material as per drawings provided by the assessor and prepare report of completed work		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Properly wear Personal Protective Equipment appropriate to the risks at workplace			
2	Performance Criteria 2: Plane surfaces of wooden components <ul style="list-style-type: none"> <li>Plane the surface of workpiece to maintain surface evenness / smoothness</li> <li>Plane edges of workpiece to maintain right angle</li> </ul>			
3	Performance Criteria 3: Finalize the size of wooden components <ul style="list-style-type: none"> <li>Plane the workpiece to achieve required thickness</li> <li>Plane the workpiece to achieve required width</li> <li>Cut the workpiece to achieve final size as per drawing</li> </ul>			
4	Performance Criteria 4: Prepare joints as per design / drawing using following processes (whichever applicable) <ul style="list-style-type: none"> <li>Mark joint lines as per drawing</li> <li>Perform Ripping as per joint requirement</li> <li>Perform Chiselling as per joint requirement</li> <li>Perform Cross Cutting as per joint requirement</li> <li>Perform Boring as per joint requirement</li> <li>Perform Rabbeting / Grooving as per joint requirement</li> <li>Perform Sizing of joint as per drawing</li> </ul>			
5	Performance Criteria 5: Assemble joints <ul style="list-style-type: none"> <li>Join components to prepare furniture parts as per design</li> <li>Apply reinforcements (Splines, Pins, Nails, Dowels etc.) as per joint requirement</li> </ul>			
6	Performance Criteria 6: Apply surface aesthetics using any of the following methods as per drawing <ul style="list-style-type: none"> <li>Perform profiling of components <ul style="list-style-type: none"> <li>Equip machine with required tools (cutters, blades, profiles, bits, Jigs, Fixtures etc.)</li> <li>Perform profiling of straight components using required processes (Grooving, Rabbeting, Tenoning, Mortising, Shaping etc.) as per drawing</li> <li>Perform profiling of curved components using required processes (Grooving, Rabbeting, Tenoning, Mortising, Shaping etc.) as per drawing</li> </ul> </li> <li>Perform turning of components</li> </ul>			

	<ul style="list-style-type: none"> <li>○ Equip machine with required tools (Chucks, chisels, gouges, Fixtures etc.)</li> <li>○ Perform Cylinder turning of components to achieve required finish as per drawing</li> <li>○ Perform face plate turning of components to achieve required finish as per drawing</li> <li>○ Perform buffing of the components as per product requirement</li> <li>● Perform Carving Manually <ul style="list-style-type: none"> <li>○ Align the workpiece on workstation</li> <li>○ Paste the drawing paper on workpieces as per process requirement</li> <li>○ Mark the carving design on workpiece using template as per process requirement</li> <li>○ Carve the design using required tools (Chisel, Gouges etc.) as per drawing or marking</li> <li>○ Perform sanding on carved design to achieve required smoothness</li> </ul> </li> <li>● Perform Marquetry/Parquetry Manually <ul style="list-style-type: none"> <li>○ Paste Marquetry/ Parquetry drawing on Veneer sheets</li> <li>○ Align multiple veneer sheets as per tool (Scroll Saw, Copying Saw, Fret Saw) capacity</li> <li>○ Bore blade entry holes on the Veneer sheets as per process requirement</li> <li>○ Cut veneer sheets as per Marquetry/ Parquetry drawing</li> <li>○ Paste Marquetry/ Parquetry Veneer Layer on required board as per product design</li> <li>○ Fill gaps of cutting faults to achieve required Marquetry/ Parquetry finish</li> </ul> </li> </ul>			
7	<p>Performance Criteria 7: Assemble furniture product</p> <ul style="list-style-type: none"> <li>● Prepare surface of components by Sanding before pre-assembly</li> <li>● Assemble the components to prepare structures of furniture parts maintaining required alignment and angles</li> <li>● Polish assembled structures to achieve required semi-finish</li> <li>● Fix pre-assembled parts into final product maintaining required alignment and angles</li> <li>● Attach hardware and accessories as per product design</li> </ul>			
8	<p>Performance Criteria 8: Record production and quality status on production report</p>			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio Diary Log of completed work		
Current <input type="checkbox"/>		Sufficient <input type="checkbox"/>		Authentic <input type="checkbox"/>
		Valid <input type="checkbox"/>		Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Performance criteria 1: Diary log of completed drawings of furniture products			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

