







# **FURNITURE TECHNICIAN**



ASSESSMENT PACKAGE

National Vocational Certificate Level 2

Version 1 - May, 2019





#### **Published by**

National Vocational and Technical Training Commission Government of Pakistan

#### Headquarter

Plot 38, Kirthar Road, Sector H-9/4, Islamabad, Pakistan www.navttc.org

#### Responsible

Director General Skills Standard and Curricula, National Vocational and Technical Training Commission

National Deputy Head, TVET Sector Support Programme, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

#### Layout & design

**SAP Communications** 

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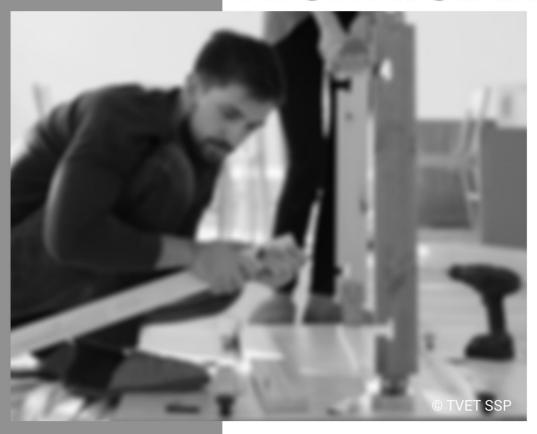
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This document has been produced with the technical assistance of the TVET Sector Support Programme, which is funded by the European Union, the Federal Republic of Germany and the Royal Norwegian Embassy and has been commissioned by the German Federal Ministry for Economic Cooperation and Development (BMZ). The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH in close collaboration with the National Vocational and Technical Training Commission (NAVTTC) as well as provincial Technical Education and Vocational Training Authorities (TEVTAs), Punjab Vocational Training Council (PVTC), Qualification Awarding Bodies (QABs)s and private sector organizations.

**Document Version** May, 2019 **Islamabad, Pakistan** 

## FURNITURE TECHNICIAN



ASSESSMENT PACKAGE National Vocational Certificate Level 2

Version 1 - May, 2019

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

Candidate Details	Name:
	Registration/Roll Number:
	To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):
	<ol> <li>Assessment Task 1: Perform profiling of ONE straight and ONE Curved component as per drawing provided by your assessor</li> <li>Assessment Task 2: Perform turning of ONE component as per drawing</li> </ol>
Guidance for	provided by your assessor  3. Assessment Task 3: Perform Carving on ONE furniture component
Candidate	<ul> <li>manually as per template or drawing provided by your assessor</li> <li>Assessment Task 3: Perform Marquetry/Parquetry manually on ONE board manually as per drawing provided by your assessor</li> </ul>
	And complete:
	<ul><li>5. Knowledge assessment test (Written or Oral)</li><li>6. Portfolios at the time of assessment (if any)</li></ul>
	During a practical assessment, under observation by an assessor, you will complete:
	Assessment Task 1
	Performance Criteria 1: Properly wear Personal Protective Equipment appropriate to the risks at workplace
	Performance Criteria 2: Equip machine with required tools (cutters, blades, profiles, bits, Jigs, Fixtures etc.)
	Performance Criteria 3: Perform profiling of straight components using required processes (Grooving, Rabbeting, Tenoning, Mortising, Shaping etc.) as per drawing
Minimum Evidence Required	Performance Criteria 4: Perform profiling of curved components using required processes (Grooving, Rabbeting, Tenoning, Mortising, Shaping etc.) as per drawing
	Assessment Task 2
	Performance Criteria 1: Equip machine with required tools (Chucks, chisels, gouges, Fixtures etc.)
	Performance Criteria 2: Perform Cylinder turning of components to achieve required finish as per drawing
	Performance Criteria 3: Perform face plate turning of components to achieve required finish as per drawing
	Performance Criteria 4: Perform buffing of the components as per product requirement

#### Assessment Task 3

Performance Criteria 1: Align the work piece on workstation

Performance Criteria 2: Paste the drawing paper on work pieces as per process requirement

Performance Criteria 3: Mark the carving design on work piece using template as per process requirement

Performance Criteria 4: Carve the design using required tools (Chisel, Gouges etc.) as per drawing or marking

Performance Criteria 5: Perform sanding on carved design to achieve required smoothness

#### **Assessment Task 4**

Performance Criteria 1: Paste Marquetry/ Parquetry drawing on Veneer sheets

Performance Criteria 2: Align multiple veneer sheets as per tool (Scroll Saw, Copying Saw, Fret Saw) capacity

Performance Criteria 3: Bore blade entry holes on the Veneer sheets as per process requirement

Performance Criteria 4: Cut veneer sheets as per Marquetry/ Parquetry drawing

Performance Criteria 5: Paste Marquetry/ Parquetry Veneer Layer on required board as per product design

Performance Criteria 6: Fill gaps of cutting faults to achieve required Marquetry/ Parquetry finish

Performance Criteria 7: Keep work area clean and clear of obstructions to prevent potential accident or injury

Performance Criteria 8: Prepare a report of completed work including sizes and quantities produced

#### Portfolios required at the time of assessment (if any) for

Performance criteria 1 for the evaluation of portfolio: Diary log of practical work for performing profiling of wooden components

Performance criteria 2 for the evaluation of portfolio: Diary log of practical work for performing turning of wooden components

Performance criteria 3 for the evaluation of portfolio: Diary log of practical work for performing carving manually

Performance criteria 4 for the evaluation of portfolio: Diary log of practical work for performing Marquetry/Parquetry manually

Candid Details	ate	Name:								
Assess Outcom		Name of the As	NOT YET COMPETENT  Name of the Assessor: Assessor's code: Signature of the Assessor:							
		Assessm	ent Su	mma	rv (to be	filled b	ov the a	assess	or)	
	Activ		<u> </u>	111111	Method		<u>//</u>		Res	sult
Nature	of Activity		Written	Oral	Observation	Portfolio	Role Play	Competent Not Yet Competent		Not Yet Competent
Practica	al Skill Den	monstration			✓					
Knowle	dge Asses	sment	✓	✓						
Other F	Requiremer	nt				✓				
Each A	ssessment	t Task (with perfo	rmance	e crite	ria)					
Assess	ment Task	.1				n profilin	ng of Ol	NE stra	ight and ON	NE Curved your assessor
During followin	•	al assessment, c	andida	te der	nonstrate	ed the	Yes	No	Remarks	
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.)									
Performance Criteria 3: Perform profiling of straight components using required processes (Grooving, Rabbeting, Tenoning, Mortising, Shaping etc.) as per drawing										
4	compone	nce Criteria 4: Pents using required g, Tenoning, Mor	d proce	esses	(Groovin	ıg,				
Compe	tent 🗆				Not Yet	Compe	tent $\square$			

Assess	sment 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:				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				
Performance Criteria 3: Perform face plate turning of components to achieve required finish as per drawing					
Performance Criteria 4: Perform buffing of the components as per product requirement					
Competent ☐ Not Ye			tent 🗆		
Assess	ement Task 3	Description of a			sk 3

Perform Carvin			assessment task 3 ing on ONE furniture component manually te 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					
Performance Criteria 5: Perform sanding on carved design to achieve required smoothness						
Compe	tent	Not Yet Compe	tent 🛚			

Assess	sment Task 4		ietry/Pa	rquetry	sk 4 manually on ONE board vided by your assessor
During followir	the practical assessment, candidate deng:	monstrated the	Yes	No	Remarks
1	Performance Criteria 1: Paste Marque drawing on Veneer sheets	try/ Parquetry			
2	Performance Criteria 2: Align multiple as per tool (Scroll Saw, Copying Saw, capacity				
3	Performance Criteria 3: Bore blade entended the Veneer sheets as per process requ				
4	Performance Criteria 4: Cut veneer sho Marquetry/ Parquetry drawing	eets as per			
5	Performance Criteria 5: Paste Marque Veneer Layer on required board as pe design				
6	Performance Criteria 6: Fill gaps of cut achieve required Marquetry/ Parquetry				
7	Performance Criteria 7: Keep work area clean and clear of obstructions to prevent potential accident or injury				
Performance Criteria 8: Prepare a report of completed work including sizes and quantities produced					
Compe	etent 🗆	Not Yet Compe	tent 🗆		
		T			
Portfoli	io (if any)	Description of Diary log of pra			
Curren	t ☐ Sufficient ☐ Authention	c □ Valid			Reliable 🗆
Portfoli	io meet the following performance stand	ards:	Yes	No	Remarks
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				
Performance criteria 3: Diary log of practical work for performing carving manually					
4	Performance criteria 4: Diary log of pra performing Marquetry/Parquetry manu				
Competent ☐ Not Yet Compe			etent $\square$		,

Title of Qualification:	CS Code:	Level:	Version:	
National Vocational Certificate Level 2 in Furniture Technician (Carpenter)		02	01	
Competency Standard Title:	Assessment Date (DD/MM/YY):			
Composition Character Time.		•	•	
Assemble Furniture Products		•	,	
• •		`	,	

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

Candid Details		Name:  Candidate Signature:								
Assess	-	COMPETENT   Name of the Assessor:  Signature of the Assessor:					Asses	ssor's co		
		Assessme	ent Su	mmar			by the a	assess		
<del> </del>	Activ	⁄ity	<u> </u>		Method	<u> </u>	<del></del>	<u> </u>	Res	sult
Nature of Activity			Written	Oral	Observation	Portfolio	Role Play		Competent	Not Yet Competent
Practica	al Skill Der	monstration			✓					
Knowle	edge Asses	sment	✓	✓						
Other F	Requiremer	nt				<b>✓</b>		Γ		
Each A	ssessment	t Task (with perfo	rmanc	e crite	ria)	<b></b> _		<del></del>		
Assess	sment Task	: 1			Pre-ass	otion of a semble p	parts of	f ONE f	furniture pro	oduct as per
During followin		cal assessment, ca	andida	te den	nonstrate	ed the	Yes	No	Remarks	
1		ance Criteria 1: Pro ents by Sanding be	•							
2	prepare s	ance Criteria 2: As structures of furnit alignment and an	ture pai							
3		ance Criteria 3: Po e required semi-fi		sembl	led struc	tures				
Compe	tent 🗆				Not Yet	Compe	tent 🗖			
Assess	sment Task	. 2			Assemb	otion of a ble ONE d by you	E furnitu	ure proc	isk 2 duct as per d	drawing
During followin		cal assessment, ca	andida	te den	nonstrate	ed the	Yes	No	Remarks	
1		nce Criteria 1: Fix luct maintaining re								
2		ance Criteria 2: Att ies as per produc			e and					
Competent ☐ Not Yet Comp				Compe	tent 🗆					

` ,				Descripti Diary wo	•			ζ.
Current ☐ Sufficient ☐ Authentic ☐ V					Valid			Reliable 🗆
Portfolio meet the following performance standards:  Yes No Remarks							Remarks	
1	Performance criteria 1: Diary log of completed work in assembling furniture products							
Competent ☐ Not Yet 0				Compe	etent 🗆			

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

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

Candidate Details		Name:								
Assessment Outcome	t	Name of the As	NOT YET COMPETENT   lame of the Assessor: Assessor's code:							
		Accesm	4 Qu				4ho.		- ~\	
	Activ	Assessme	ent ou		y (to be Method		y the a	1556221	or) Res	sult
Nature of Activity			Written	Oral	Observation	Portfolio	Role Play		Competent	Not Yet Competent
Practical Ski	ill Den	nonstration			<b>√</b>					
Knowledge /	Asses	sment	✓	✓						
Other Requi	remer	nt				✓				
Each Assess	sment	t Task (with perfo	rmance	e criter	ia)					
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 de following:				te dem	onstrate	ed the	Yes	No	Remarks	
1 1	formance criteria 1: Record measurements of all apponents of the product									
		nce criteria 2: Pre nents as per plot								

Not Yet Competent □

Competent □

Assess	ement 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 followin	the practical assessment, candidate deng:	monstrated the	Yes	No	Remarks		
1	Performance criteria 1: Prepare drawir including all required tools and equipm						
2	Performance criteria 2: Draw 2D Multiv product as per required measurements						
3	Performance criteria 3: Apply Hatches drawing to identify component materia Upholstery						
4	Performance criteria 4: Draw symbols to identify hardware	on the drawing					
5	Performance criteria 5: Mention all dim the drawing	nensions on					
Compe	etent	Not Yet Compe	tent 🗆				
Assess	ment Task 3	Prepare 2D Mu provided by yo	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 followir	the practical assessment, candidate de	monstrated the	Yes	No	Remarks		
1	Performance criteria 1: Performance C 2D Multiview of all components of the required measurements						
2	Performance criteria 2: Apply Hatches drawing to identify component materia Upholstery						
3	Performance criteria 3: Draw symbols to identify hardware	on the drawing					
4	Performance criteria 4: Mention all dim the drawing	nensions on					
Compe	etent 🗆	Not Yet Compe	tent 🗆				
Portfolio (if any)  Descript  Diary log							
Current ☐ Sufficient ☐ Authentic ☐					Reliable 🛘		
Portfoli	Portfolio meet the following performance standards:			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 pra preparing 2D Multiview drawing of the Components						
Competent ☐ Not Yet Comp				<u> </u>			

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

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

Candidate Details		Name:									
Assessment Outcome		COMPETENT   Name of the Assessor:  Signature of the Assessor:						Asses	ssor's c		
		<b>A</b>				. //	£:11 a =1 1	41			
	Activ	Assessm	ent Su	mma	_	/ (to be Method		by the a	assess		sult
	ACLIV	ity									
Nature of Activity			Written	Oral		Observation	Portfolio	Role Play		Competent	Not Yet Competent
Practical Skill Demonstration ✓											
Knowledge Assessment											
Other Requir	emei	nt					✓				
Each Assess	men	t Task (with perfo	rmanc	e crite	eria	a)					
Assessment	Task	.1			F	Descrip Prepare assesso	One jo				ovided by your
During the pr following:	actic	al assessment, c	andida	te de	mo	onstrate	ed the	Yes	No	Remarks	
1 Perfo		nce Criteria 1: Ma	ark join	t line:	s a	as per					
	ective	nce Criteria 2: Pr e Equipment appi e									
3 Perforequ		nce Criteria 3: Pe ent	erform	Rippii	ng	as per	joint				
	Performance Criteria 4: Perform Chiseling as per										
Performance Criteria 5: Perform Cross Cutting as per joint requirement											
Performance Criteria 6: Perform Boring as per joint requirement											
		nce Criteria 7: Pe as per joint requi			eti	ing /					
8 Perfo		nce Criteria 8: Pe	erform	Sizing	g o	of joint a	as per				
Competent D	]				Ν	lot Yet	Compe	tent $\square$			

Assess	sment Task 2	Description of a Assemble the j drawing provide	joint to p	prepare	e One furniture part as per	
During followin	the practical assessment, candidate der ng:	0,	Yes	No	Remarks	
1	Performance Criteria 1: Join componer furniture parts as per design	nts to prepare				
2	Performance Criteria 2: Apply reinforce (Spline, Pins, Nails, Dowels etc.) as perequirement					
3	Performance Criteria 3: Keep work are clear of obstructions to prevent potential injury					
4	Performance Criteria 4: Prepare a repo completed work including sizes and qu produced					
Compe	etent	Not Yet Compe	etent 🗆			
Portfoli	io (if any)	Description of p	•			
Current	ıt □ Sufficient □ Authentio	ic □ Valid			Reliable 🛘	
Portfoli	io meet the following performance stand	lards:	Yes	No	Remarks	
1	Performance criteria 1: Diary log of prapreparation of joints	actical work for				
2	Performance criteria 2: Diary log of pra assembling joints	actical work for				

Not Yet Competent □

Competent  $\square$ 

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

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

#### **Assessment Task 4**

Performance Criteria 1: Trace various components on the board / panel using drawings/template while maintaining cutting efficiency/average for curved work/job

Performance Criteria 2: Cut furniture components from board / panel as per size using fences while maintaining personal safety and workplace cleanliness

#### **Assessment Task 5**

Performance Criteria 1: Plane the surface of workpiece to maintain surface evenness / smoothness

Performance Criteria 2: Plane edges of workpiece to maintain right angle

#### **Assessment Task 6**

Performance Criteria 1: Plane the workpiece to achieve required thickness

Performance Criteria 2: Plain Plane the workpiece to achieve required width

Performance Criteria 3: Cut the workpiece to achieve final size as per drawing while maintaining personal safety and workplace cleanliness

Performance Criteria 4: Prepare a report of completed work including sizes and quantities produced

#### Portfolios required at the time of assessment (if any) for

Performance criteria 1 for the evaluation of portfolio: Nil Performance criteria 2 for the evaluation of portfolio: Nil Performance criteria 3 for the evaluation of portfolio: Nil

.....

Candid Details	ate	Name:  Candidate Signature:									
Assess Outcom		COMPETENT   Name of the Assessor:  Signature of the Assessor:					. Asses	sor's c			
		_									
	Activ	Assessm	ent Su	mma		(to be /lethod		by the a	assess	or) Res	sult
Activity  Nature of Activity			Written	Oral		Observation	Portfolio	Role Play		Competent	Not Yet Competent
Practical Skill Demonstration						<b>√</b>				J	
Knowle	dge Asses	sment	<b>✓</b>	✓							
Other F	Requiremer	nt									
Each A	ssessment	t Task (with perfo	rmance	e crite	eria	ι)					
Assess	ment Task	1			C L	ut ONI	E Wood nd Saw		ito requ		Planks using ed by your
During followin	•	al assessment, c	andidat	te dei	mo	nstrate	ed the	Yes	No	Remarks	
1	Performation	nce criteria 1: En trolley	sure ali	ignm	ent	of log	on				
Performance criteria 2: Properly wear Personal Protective Equipment appropriate to the risks at workplace											
Performance criteria 3: Cut planks from log as per size requirements while maintaining safety and workplace cleanliness				er							
Performance criteria 4: Mark and record the sizes of planks											
5		nce criteria 5: Sta g requirement	ack the	planl	KS 8	as per					
Compe	tent 🗆				No	ot Yet	Compe	tent $\square$			

Assess	sment Task 2	Description of assessment task 2				
		Prepare templa using drawings			Furniture Components our assessor	
During followin	the practical assessment, candidate deng:	monstrated the	Yes	No	Remarks	
1	Performance criteria 1: Paste the draw template material (Ply Wood, Medium Board, Solid Wood etc.)					
2	Performance criteria 2: Cut the templa drawing while maintaining safety and v cleanliness					
3	Performance criteria 3: Finish the edge to achieve accurate profile	es of template				
Compe	tent 🗆	Not Yet Compe	tent 🗆			
Assess	sment Task 3		d Plank	into fui	sk 3 rniture components as per g provided/specified by your	
During followin	the practical assessment, candidate del ng:	monstrated the	Yes	No	Remarks	
1	Performance criteria 1: Trace various of the plank using drawings/template con grains while maintaining cutting efficies	sidering wood				
2	Performance criteria 2: Cut furniture confrom planks as per tracing or using jigs/fixtures/fences while maintaining pland workplace cleanliness	•				
Compe	etent 🗆	Not Yet Compe	tent 🗆			
Assess	sment 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 followin	the practical assessment, candidate deng:	monstrated the	Yes	No	Remarks	
1	Performance criteria 1: Trace various components of the board / panel using drawings/template while maintaining cutting efficiency/average for curved work/job					
2	Performance criteria 2: Cut furniture components					
Compe	etent	Not Yet Compe	tent 🗆			

Assess	sment Task 5	Plane surfaces	Description of assessment task 5 Plane surfaces of ONE Wooden Component as specified by your assessor				
During followir	the practical assessment, candidate deng:	monstrated the	Yes	No	Remarks		
Performance criteria 1: Plane the surface of workpiece to maintain surface evenness / smoothness							
2	Performance criteria 2: Plane edges o maintain right angle	f workpiece to					
Compe	etent	Not Yet Compe	tent 🗆				
Assess	sment Task 6	Description of assessment task 6 Finalize the size of ONE Wooden Component as per the drawing provided by your assessor					
During followir	the practical assessment, candidate de ng:	monstrated the	Yes	No	Remarks		
1	Performance criteria 1: Plane the work achieve required thickness	cpiece to					
2	Performance criteria 2: Plain Plane the workpiece to achieve required width						
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 repo completed work including sizes and que produced						

Not Yet Competent  $\square$ 

Competent  $\square$ 

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

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#### **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 (Spline, 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

- Align multiple veneer sheets as per tool (Scroll Saw, Copying Saw, Fret Saw) capacity
- Bore blade entry holes on the Veneer sheets as per process requirement
- Cut veneer sheets as per Marquetry/ Parquetry drawing
- Paste Marquetry/ Parquetry Veneer Layer on required board as per product design
- Fill gaps of cutting faults to achieve required Marquetry/ Parquetry finish

#### Performance Criteria 7: Assemble furniture product

- Prepare surface of components by Sanding before pre-assembly
- Assemble the components to prepare structures of furniture parts maintaining required alignment and angles
- Polish assembled structures to achieve required semi-finish
- Fix pre-assembled parts into final product maintaining required alignment and angles
- Attach hardware and accessories as per product design

Performance Criteria 8: Record production and quality status on production report

#### Portfolios required at the time of assessment (if any) for

Performance criteria 1 for the evaluation of portfolio: Diary log of completed drawings of furniture products

Candidate Details	Name:  Candidate Signature:	C
Assessment Outcome	COMPETENT   Name of the Assessor:  Signature of the Assessor:	NOT YET COMPETENT   Assessor's code:

Assessment Summary (to be filled by the assessor)								
Activity			Method	t	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)						
Asses	sment 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 measu components of the product					
2	Performance Criteria 2: Prepare drawi measurements as per plotter/paper sc					
3	Performance Criteria 3: Prepare drawi including all required tools and equipm					
4	Performance Criteria 4: Draw 2D Multi product as per required measurements					
5	Performance Criteria 5: Apply Hatches drawing to identify component materia 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 ☐ Not Yet Com			etent $\square$			

Assess	sment 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 wor		sor and	a prepare report of
During	the practical assessment, candidate denng:	monstrated the	Yes	No	Remarks
1	Performance Criteria 1: Properly wear Protective Equipment appropriate to th workplace				
	Performance Criteria 2: Plane surfaces components	s of wooden			
2	<ul> <li>Plane the surface of workpiece to surface evenness / smoothness</li> <li>Plane edges of workpiece to mai angle</li> </ul>				
3	Performance Criteria 3: Finalize the siz components  Plane the workpiece to achieve representation that the size of the size o	required required width			
4	Performance Criteria 4: Prepare joints / drawing using following processes (wapplicable)  Mark joint lines as per drawing Perform Ripping as per joint requested Perform Cross Cutting as per joint requested Perform Boring as per joint requested Perform Rabbeting / Grooving as requirement Perform Sizing of joint as per drawing processes (wasperdicted)				
5	Performance Criteria 5: Assemble joint  Join components to prepare furn per design  Apply reinforcements (Spline, Pin Dowels etc.) as per joint requirer				
6	Performance Criteria 6: Apply surface using any of the following methods as  Perform profiling of components Equip machine with required blades, profiles, bits, Jigs, Fi Perform profiling of straight ousing required processes (G Rabbeting, Tenoning, Mortis etc.) as per drawing Perform profiling of curved cusing required processes (G Rabbeting, Tenoning, Mortis etc.) as per drawing Rabbeting, Tenoning, Mortis etc.) as per drawing Perform turning of components				

	<ul> <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</li> <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> <li>Perform Marquetry/Parquetry Manually</li> <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> </ul>
	<ul> <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>
7	Performance Criteria 7: Assemble furniture product  Prepare surface of components by Sanding before pre-assembly  Assemble the components to prepare structures of furniture parts maintaining required alignment and angles  Polish assembled structures to achieve required semi-finish  Fix pre-assembled parts into final product maintaining required alignment and angles  Attach hardware and accessories as per product design
8	Performance Criteria 8: Record production and quality status on production report
Compe	etent □ Not Yet Competent □

Portfolio (if any)				Description of portfolio Diary Log of completed work				
Current ☐ Sufficient ☐ Authentic			c 🗆	Valid	id □ Reliable □			
Portfolio meet the following performance standar			ards:		Yes	No	Remarks	
Performance criteria 1: Diary log of completed drawings of furniture products								
Competent □			Not Yet	Compe	etent 🗆			

### National Vocational and Technical Training Commission (NAVTTC)

- Plot 38, Kirthar Road, Sector H-9/4, Islamabad, Pakistan
- 🕓 +92 51 9044 322
- +92 51 9044 322
- info@navttc.org
- www.navttc.org