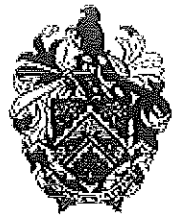




The Carpenters' Craft Competition

College Award

2017 Hanging Wall Sign



INSTRUCTIONS TO CANDIDATE

NOTE All dimensions are in millimetres and all finished sizes stated. The Hanging Wall Sign is to be made from the best quality softwood. The material list gives lengths on the generous side in order to allow the competitor to clean off and cut to suit exact dimensions of the project. All construction details should be carried out as per drawing and specification but any detail not given is left to the discretion of the candidate.

Prepare and assemble the Wall Hanging Sign in every aspect, mortised and tenoned in the traditional way, where applicable. All surfaces are to be left smooth and free from scratches, and suitable for a clear finish. It must, however, be left in the white; any further treatment of the timber will be penalized.

The stile item 1 Cutting List, (CL); & the arm item 2 (CL) are mortised and twin tenoned together, glued and wedged. The brace item 3 (CL) finishes at 46mm x 28mm & has a 7mm chamfer; it is mortised, tenoned and wedged at the top & the joint at the bottom is to be glued & screwed together, item (9). The shaped MDF panel (4) is to be held in an appropriate groove 6mm deep. The signboard is framed items 5 & 6 (CL), and well glued together, using mitre bridle joints; the moulding intersections being mitred. The MDF panel item 7 (CL) should be cut to size such that the MDF does not prevent the corner joints from being cramped tightly in position, ie very slightly under size the MDF. However, the MDF panel should not be loose in the 4mm x 9mm deep grooves of the frame. The glue used should be appropriate for external conditions. The position of the hooks and eyes item (8) should be 75mm from each end of the sign.

Candidates should ensure that the finished project shall appear as attractive as possible and the judging will be on accuracy, good shape, dimensions, fit of joints, flatness and smoothness of finish. All mouldings and bevels should be flat with sharp lines.

This project has been designed to incorporate certain practical elements of your qualification to enable it to be used as part of your course work.

Powered hand tools may also be used for the preparation of the work. All this work must only be carried out by the participating candidate under strict supervision and having passed prior training at appropriate grades.

NB THE MODEL IS TO BE CONSTRUCTED AS SPECIFIED.

NB Only selected hidden detail has been used to enhance identification and prevent confusion.

NB The original drawing is at A2 size but in reducing to A3 & A4 size the individual member dimensions get distorted. It is therefore necessary to use the material list for the accurate dimensions, so regard the A4 drawing as 'not to scale'. Should you require an A3 drawing please contact the Competition Manager.

Packing and Dispatch: The work MUST be securely cased INDIVIDUALLY and labelled for return. No responsibility can be accepted for the return of the model if the casing is not substantial. Parcel Post should accept this size of package at most depots.



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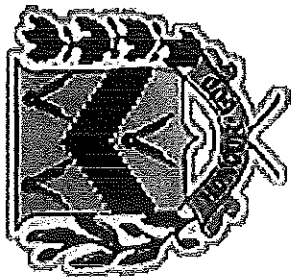


2017 Marking Scheme for Hanging Wall Sign

Description	Max. Mark	Sub Total	CANDIDATE NUMBER					
JOINTS - including fit								
Bracket - arm (2) to stile (1)	1	x	40	40				
Bracket - brace (3) to stile (1)	1	x	40	40				
Bracket - brace (3) to arm (2)	1	x	30	30				
Sign Board - top & bottom rails (6) to stiles (5)	4	x	20	80	190			
SHAPING - including correct dimensions								
Shaped Brace (3) including chamfers and groove	1	x	40	40				
Arm (2) including chamfers, groove and end	1	x	25	25				
Stile (1) including chamfers, groove and ends	1	x	25	25				
Moulding to sign frame stiles and rails (5 & 6)	4	x	5	20				
Fit of MDF shaped panel (4)	1	x	12	12				
Fit of sign MDF panel (7)	1	x	8	8	130			
Dimensions – NB deduct two marks for each mm inaccuracy								
Height of stile overall (1) 640mm	1	x	10	10				
Projection of arm overall (2) 480mm	1	x	10	10				
Position of arm (2) to stile (1) 264mm from top	1	x	10	10				
Position of brace (3) to stile (1) 56mm from top	1	x	10	10				
Position of brace (3) to arm (2) 50mm from end	1	x	10	10				
Width of sign board overall (5;6;7) 400mm	1	x	10	10				
Height of sign board overall (5;6;7) 290mm	1	x	10	10				
Distance between sign (5;6;7) & stile (1) 12mm	1	x	10	10				
Position of hooks and eyes (8) 75mm from ends	2	x	5	10	90			
GENERAL								
Squareness of sign (5;6;7) (check diagonals)	1	x	12	12				
Arm (2) at 90° to bracket stile (1)	1	x	12	12				
Fixing of hooks and eyes (8)	4	x	4	16				
Finish - flat and clean - general appearance	1	x	50	50	90			
TOTAL - divide by 5 to convert to percentage					500			
Percentage mark					100%			

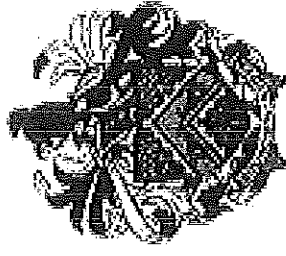
NAME OF EXAMINERS: _____

SIGNATURE OF EXAMINERS: _____



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2017 Material list for the Hanging Wall Sign



Item	Description	Quant	Sawn			Prepared			Material	Comments
			Length	Width	Thick	Length	Width	Thick		
	Bracket									
1	Stile	1	680				60	28	Soft wood	
2	Arm	1	500				60	32	Soft wood	
3	Brace	1	560				110	28	Soft wood	Cut to shape
4	Panel	1	310	180				6	MDF	Cut to suit
	Sign Board									
5	Framing Stiles	2	340				40	20	Soft wood	
6	Framing Rails	2	450				40	20	Soft wood	
7	Panel	1	360	250				4	MDF	Cut to suit
	Ironmongery									
8	Screw hooks & eyes	2 prs							Brass	Size to suit
9	Screws	2	50						zinc plated	5mm

