Student 3: Low Merit

Intended for teacher use only

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Task	Techniques	Tests
First cut the radiata clears 75x50, 3.6 m into 900cm 4 times,	I will use a hand saw to make the initial cut, it will cut it 5mm too long then XXXXX will cut with the drop saw to make it accurate.	measuring against the other compontest guiding me have them all the same length
I will then cut the frame the 42x42 cm and all the supports	I will use a hand saw to make the initial cut, it will cut it 5mm to long then XXXXX will cut with the drop saw to make it accurate.	measuring against the other compontest guiding me have them all the same length
Then use the doweling machine to drill perfect holes for the dowels.	I will set up the machine to fit the length of the dowel holes.	By using a scrap piece of wood I can drill in wholes and use it as a pre set to set the height of the doweling machine
Then I will add layers of varnish	I will use a paint brush to apply the varnish then wait till the varnish is dry by seeing if the wood is still wet after I touch it with my hand then I will and the next coat	I will make sure that the varish will get spread around evenly by applying the right amount and making sure that I do not have any runs of varnish dripping off my wood, I will aslo place some paper down so i will not get the varnish on the floor.
Then I will cut my 50x50 angle iron two pieces 1255mm and two pieces of the same 50x50 to 950mm with the saw machine	I will over cut the angled Iron by 5mm so it gives me room for error, by using the tape measure.	I will use the other piece and make sure that the lengths are identical.
Then I will cut a 45 degree in all four pieces of angle iron so it can be welded	I will use the triangle ruler to make sure that my cuts are 45 degrees, I will also use a flat piece of metal that I can use the cutting disk across.	I will make sure that the 45 degree cuts are identical by comparing it with other spare angle iron that have been cut at a 45 degree angle.
Then tack weld all four corners and make sure it fits on my workbench.	I will tac the corners together, and have a 1mm gap that I will measure with a ruler.	After it has been tacked I will place it onto my table making sure it is a snug fit.
Then I will weld all four corners of the angle iron	I will weld the angle iron and wait till the weld cools down before I move to the next corner, to prevent the metal from twisting or bending through heat.	I will test the welder on the same thickness metal and make changes to the settings if needed. 3



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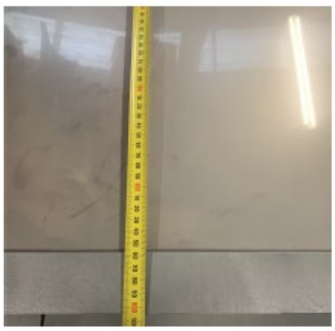
Here I tested for the look of the dowels, I also used this to practice on the dowel machine before I used it.

Accuracy of my final product 4

This is my short rail measurement as you can see it is around 707mm giving me my -3 tolerance.

As you can see this is my long rail it is around 1148mm long fitting in my 3mm tolerance by a -1 of a mm

This was my height of my table and it is around 903mm



This is my width of my table as you can see it is around 904 giving me a +4 in my +/- 10 tolerance

This is the length of my tabletop it is around 1255mm giving a +5 in my +/- 10 tolerance