

CNC Router

1. Whenever you are operating or watching the CNC router safety glasses must be worn.
2. Whenever possible use an enclosure that restricts the access to the machine while it is turned on. The enclosure should have power interruption switches so that if the access doors are opened during operation the machine will shut down.
3. The router moves according to your program. Stand back from the router when it is operating.
4. Whenever possible do a test run of your program with the router turned off, and before putting your material on the table.
5. Never try to adjust the material while the machine is running.
6. Secure your work securely to the CNC table with clamps or jigs. Be careful that the clamps and jigs will not interfere with the movement of the gantry or router.
7. Never leave the machine running unattended.
8. If the wood on the CNC table becomes loose or if the machine begins to make unusual noises, immediately turn off the machine and notify your teacher. Do not attempt to re-clamp your wood while the machine is running or turned on.
9. Ensure that the router bit installed in the CNC is sharp, and the correct bit for your program.
10. Whenever changing router bits be sure to tighten the collet correctly.
11. Large parts of the CNC machine move. This causes pinch points around the table of the CNC. Always be aware where these points are and ensure that you stay clear of danger.
12. Ensure that nothing will interfere with the travel of the gantry. Keep the CNC table clear of material not being machined, and that nothing has been placed near the CNC that will be hit by the gantry.
13. After running your program, be sure to clean the CNC table and trackways of all debris, and remove any clamps or jigs.

AT ALL TIMES - IF IN DOUBT, STOP! ASK YOUR INSTRUCTOR