

SAFETY REMINDERS

Remember you are responsible for your safety

1. Never let the machine tool run unattended.
2. Require any person in the same room as a running machine tool to wear safety goggles, and to stay a safe distance from the machine. While the machine is operating under program control the safety shield must be closed.
3. Allow only trained operators to run the machine tool. Any operator must have:
 - A. Knowledge of machine tool operation
 - B. Knowledge of personal computer operation
 - C. Knowledge of Microsoft Windows
 - D. Good common sense
4. Never place any part of your body within the tool envelope while the machine is under computer control, since unexpected machine movement can occur at any time.
5. Always keep the tool envelope clean and free of any loose objects.
6. Be on alert for computer crashes at all times.
7. Make sure machine is connected to a grounded outlet.
8. Never use power tools in wet or damp locations. Never operate a machine tool in the presence of flammable or explosive materials.
9. Be properly prepared for operating machinery:
 - A. Wear safety glasses
 - B. Tie back long hair and wear a hair net.
 - C. Remove all jewelry
 - D. Roll back long sleeve shirts and tie back any loose clothing
 - E. Never operate a machine tool under the influence of drugs or alcohol
10. On lathes, always rotate the part by hand after mounting the stock to be sure there is proper clearance.
11. Remove adjusting wrenches and chuck keys before turning on the spindle.
12. Never defeat safety systems for cnc operation. Get approval before manual operation.

13. Make sure the shop has adequate light and ventilation in the area of the machine tool.
14. Always keep work area clean and free of loose debris.
15. Do not take off covers to electrical panels or guards. Do not abuse or dismantle the machine.
16. Follow instructions for proper lubrication and maintenance.
17. Make sure cutting tools are sharp, installed properly, and unused tooling properly stowed.
18. Use appropriate speeds and feedrates for the material being processed.
19. If ever in doubt, stop and ask your instructor for assistance.

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