



LATHE SAFETY SHEET



Appropriate eye and personal protective equipment must be worn. Machines have moving parts that may cause entanglement. All loose clothing, jewelry and long hair must be secured.

OPERATE ONLY AFTER YOU HAVE RECEIVED INSTRUCTION AND YOUR TEACHER'S PERMISSION TO USE THIS TOOL. BE SURE YOUR TEACHER HAS CHECKED YOUR UNDERSTANDING OF PROPER PRACTICE.

Possible Risk Factors

- ✓ *Contact with moving parts.*
- ✓ *Eye Injuries*
- ✓ *Hearing Damage*
- ✓ *Hand Injuries*
- ✓ *Entanglement of hair, clothing or jewelry.*
- ✓ *Small and large projectiles*



SAFETY GLASSES



EAR PROTECTION



SAFETY BOOT



WEAR DUST

1. Be sure to have the instructor's approval before operating the machine.
2. Before starting the machine, be sure that spindle work has the cup center properly imbedded, tailstock and tool rest securely clamped, and proper clearance for the rotating stock.
3. Before starting the machine for faceplate work, check to see that the faceplate is tight against the spindle shoulder and the tool support has proper clearance.
4. Wear goggles or a face shield to protect your eyes, especially when roughing out work. The lathe should have a guard.
5. Prepare stock for rough turning by removing corners and bringing the cross section of the stock as close to round as possible.
6. Select turning speed carefully. Large diameters must be turned at the lowest speed. Always use the lowest speed to rough out work.
7. Wood with knots or splits should not be turned. Glued up stock should cure the proper amount of time – at least 24 hours.
8. Place the tool on the tool rest before you bring it into contact with the spinning stock.
9. Keep the tool rest close to the work; about 1/8" away from stock and slightly above center.
10. Remove the tool rest for sanding and polishing operations.
11. Use a scraping tool for all faceplate work.
12. Remove both the spur and cup centers when they are not in use.
13. When you stop the lathe to check the work, also check and lubricate the cup center.
14. Keep the lathe tools sharp; hold them firmly and in the proper position.
15. Keep sleeves rolled up and loose clothing away from moving parts of the lathe and work.
16. Do not use your hand to slow down rotating stock.



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