

Metal Lathe

1. Wear Personal Protective Equipment (PPE) such as safety glasses, safety goggles, face shields, gloves and proper clothing as appropriate. No loose clothing, long hair or jewelry is allowed in the shop.
2. Keep the work area clean and free of oil, grease and debris.
3. Do not operate the lathe without proper instruction and the instructor's permission.
4. Be aware of the position of the on/off switches and emergency **STOP** button.
5. Make sure headstock, tailstock and tool rests are tight before operating.
6. Ensure your material is secure before starting the motor.
7. Ensure all tool bits are sharp and without nicks. Show your instructor any problems with the tooling.
8. Do not operate the lathe until you have established proper speeds, stops, tool heights and angles.
9. Make sure you have proper speeds and feeds for the type of material and tool bits, type of operation, and diameter of material. When in doubt, ask.
10. Assume a solid position with your body to the side of the tool. Be sure to have firm footing when operating the lathe.
11. Do not attempt to remove a large depth of cut from material at a single pass.
12. Remove cut off material or chips with a brush after the lathe has come to a complete stop. Never use your hands.
13. Turn the lathe off immediately if it does not sound right or if there is excessive vibration.
14. Always reference the owner's manual before operating and servicing equipment.

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