

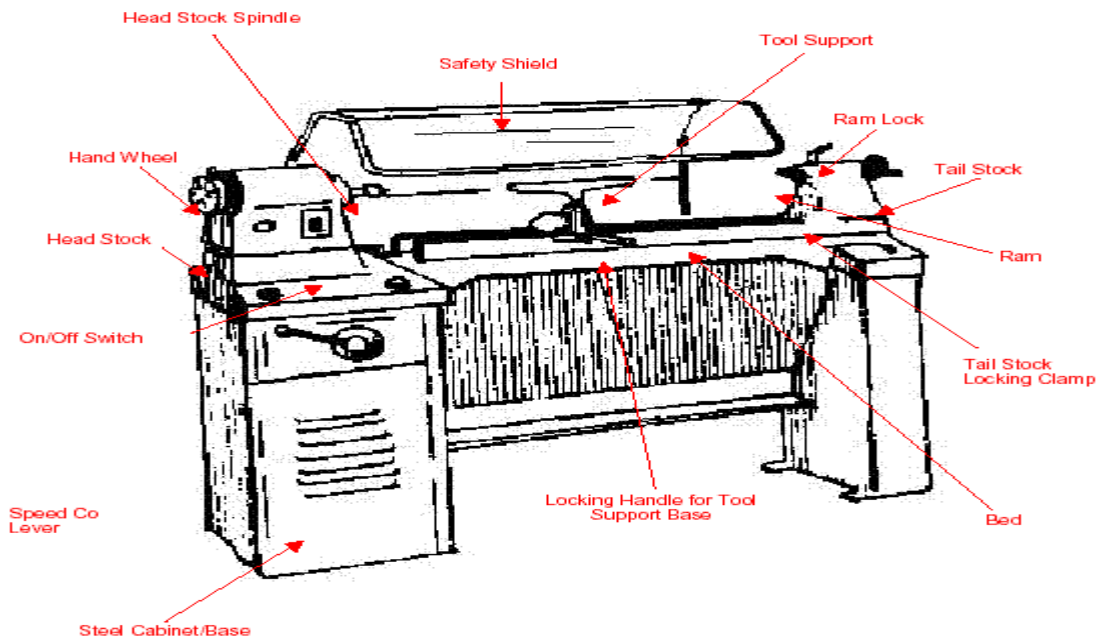
Wood Lathe Notes

Requirements:

Proper eye protection must be worn—operate only with instructor's permission and after proper instructions have been received.

1. When operating this machine you must wear proper eye protection, a face shield, pass ALL tests with 100 percent, and have your teacher's permission to operate it.
2. Carefully examine all wood for checks, knots, or other defects before putting it on the lathe.
3. Work must be balanced and securely held between centers or mounted on a faceplate.
4. Rotate spindle by hand to check to make sure that you have enough clearance before starting the turning.
5. Tool rest must be set 1/8" away from the work piece and adjusted to the proper height for the tool being used.
6. Be sure the lathe is running at the proper speed for the operation.
7. You should use caution and common sense to prevent turning tools from catching in the stock.
8. Select and use the correct tool for the cut you plan to make.
9. Even when wearing a face shield, you should also make sure that the safety shield is properly in place.
10. Remove tool rest and base before sanding or polishing.
11. Use a table broom brush to clean off lathe when finished.

Wood Lathe Parts



Wood Lathe Written Test

Use the correct heading and write the answer on your own paper. Using the BEST answer to complete the following:

1. When operating this machine you must wear proper eye protection, a _____, pass ALL tests with 100 percent, and have your teacher's permission to operate it.
 2. You (**Should** **Should not**) examine all wood for checks, knots, or other defects before you put it on the lathe.
 3. Work must be balanced and securely held between (**Ends** **Centers**) or mounted on a faceplate.
 4. Rotate spindle by (**Hand** **Turning it on**) to check to make sure that you have enough clearance before start the turning.
 5. Tool rest must be set (**1/8"** **1/4"** **1/2"**) away from the work piece and adjusted to the proper height for the tool being used.
 6. Be sure the lathe is running at the (**Half** **Full**) speed for the operation.
 7. You should use caution and _____ to prevent turning tools from catching in the stock.
 8. You (**Do** **Do not**) need to select and use the correct tool for the cut you plan to make.
 9. Since you will be wearing a face shield, you (**should** **should not**) also make sure that the safety shield is properly in place.
 10. Remove the tool rest and base (**After** **Before**) sanding or polishing.
 11. Use (**A table broom** **Your hands**) to clean off lathe when finished.
- List five SAFETY procedures you should do before you operate this machine:
12. _____
 13. _____
 14. _____
 15. _____
 16. _____

Wood Lathe Written Test Key

1. Face shield
2. Should
3. Centers
4. Hand
5. 1/8"
6. Full
7. Common sense
8. Do
9. Should
10. Before
11. A table broom

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.

Wood Lathe

1. Operate only with instructor's permission and after you have received instruction.
2. Remove jewelry, eliminate loose clothing, and confine long hair.
3. Make sure all guards are in place and operating correctly.
4. Always use proper eye protection.
5. The tool rest must be close to the work when cutting tools are being used.
6. The cutting tools must be kept sharp.
7. Do not feel for smoothness of work while machine is running.
8. Work must be centered, balanced, and secured.
9. The tool rest must be removed while sanding.
10. Examine set up and turn work by hand before turning on power.
11. Shut off power while cleaning machine.

Safety Quiz—Wood Lathe

Student Name _____
Class _____
Date _____ Grade _____

1. The speed of the machine is not important for safe operation. T F
2. A space of 1- inch is safe between the tool rest and the work. T F
3. Eye protection is not necessary during operation. T F
4. Dull tools may be used. T F
5. It is safe to feel for smoothness while turning. T F
6. The tool rest should be removed while sanding. T F
7. It is safe to turn work that is not balanced. T F
8. Long sleeves may be worn while operating. T F