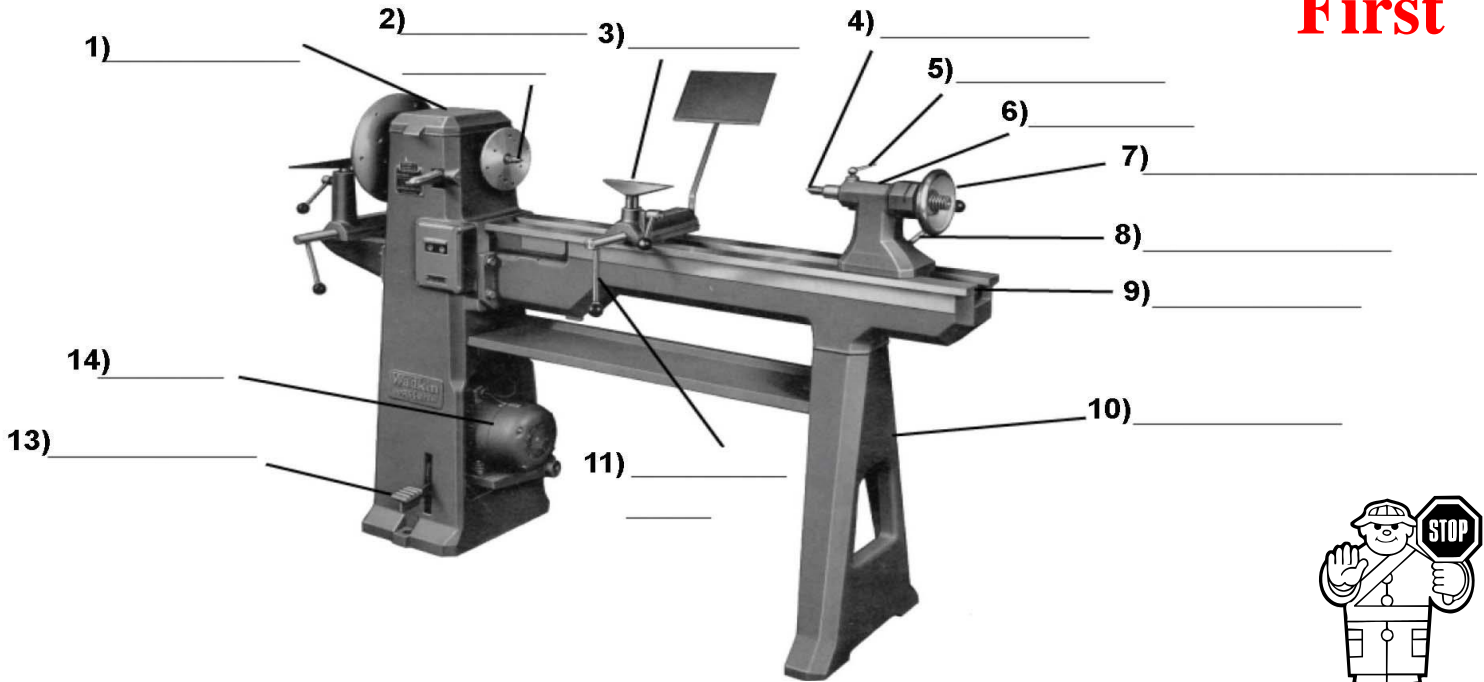




Lathe General Safety and Operation

Safety First



Description:

The lathe rotates the workpiece on its axis to perform operations such as cutting, sanding, and facing with turning tools with the workpiece to create an object which has symmetry about its axis of rotation.

Operations:

An adjustable horizontal metal rail (the tool rest) in front of the material workpiece is used with shaping tools usually hand-held to turn your work-piece. After the shaping process, it is common use sandpaper to smooth the surface usually with the tool rest removed as it may be unsafe to have in the way.

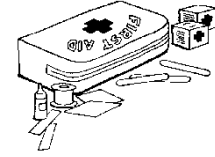
Things to Remember:

- + Don't let the shaping tool touch wood until *after its on the tool rest*
- + Hold the shaping tool from below and *keep a slow and steady feed--never force, jab into the work piece*
- + Force or jabbing chisel into the work-piece, will result in getting hurt and damaging your work

Extra Notes:

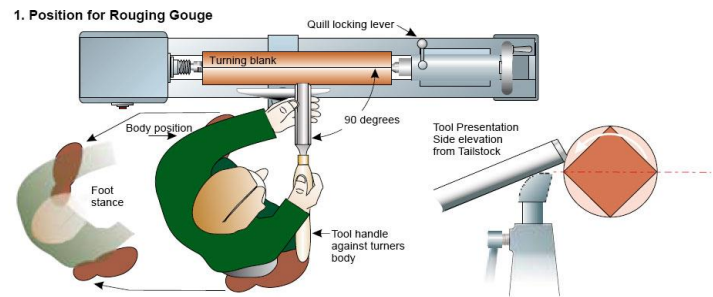


Safety Contract for the Lathe



Rules to remember

1. Wear safety glasses, and apron as there will be a lot of wood chips/dust
2. Long hair must be enclosed in a hair net or be tied up and no loose clothing/jewelry
3. Don't let the turning tool touch the wood until after it is on the rest
4. Have good hold on turning tool and always cut down hill
5. Spin work to ensure clearance with tool rest
6. Stop the lathe to change tool rest positions
7. DO NOT take too much material off at one time
8. Stop & check when anything feels or sounds wrong
9. Use proper stance. Make sure you're balanced
10. Clean up your area of woodchips with dust collector



+ Look at yourself, if you have all your body parts and you're not bleeding, then you can appreciate the benefits of safety in the shop.

I was present for the instruction on the safe use of the Lathe and I understand its meaning and will operate this machine in a safe method as described. I feel comfortable in the operation of the Lathe and if in any doubt will ask for help from an Instructor.

Fill in below, the lesson date (year/month/day), check off that you have seen the instructor's parts, safety, and operation demonstration, your name, check off your completions, signature and then have your instructor sign-off for your contract to be allowed to use the machine.

Students to fill in all column boxes below once completed, then sign.						Teacher
Lesson Date	Demo ✓	Last Initial, First Name	HO Done ✓	Demonstrated ✓	Signature	Safe to Use