



Drill Press General Safety and Operation



Safety First



Description:

The drill press is an accurate, vertical boring or drilling machine. It is also capable of many other operations such as mortising, routing, sanding and shaping using a variety of attachments.

Operations:

Stock is held by hand, jig or Clamp on the Drill press table and the chuck is brought down to the work using the feed wheel. The speed can be adjusted for different materials, faster for soft, slower for hard.

Things to Remember:

- + Do not force the bit into the work
- + Use a slow, steady, even feed rate into the work
- + The depth guide is used to make multiple, same depth holes

Extra Notes:



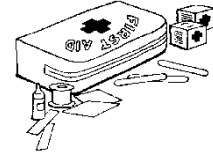
Exploring Technologies

Western Technical-Commercial School

Name: _____

Date: _____

Safety Contract for the Drill Press



Rules to remember

1. Wear safety glasses!
2. Long hair must be enclosed in a hair net or be tied up and no loose clothing/jewelry
3. When boring small pieces hold them securely with a clamp
4. Be sure to use a bottoming piece (scrap) under the work for clean back cut/not drill into the table
5. Operate the drill at the correct speed for material drilling
6. Make sure the drill bit is tight in the chuck (leave gap space at top of chuck prior to tightening)
7. Never leave the chuck key in the chuck
8. Be sure you have the right type of drill bit for the job
9. One person operating the machine at a time
10. Turn off drill press when finished and clean off table for next user

+ 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 Drill Press and I understand its meaning and will operate this machine in a safe method as described. I feel comfortable in the operation of the Drill Press 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