

Power Machine Safety Practices

1. Get instruction from teacher.
2. Always get permission to use any power equipment.
3. Do **Not** operate any machine while under the influence of drugs, alcohol, or medication.
4. Safety glasses **MUST** be worn at all times.
5. Remove watches, bracelets, and rings when using any power equipment.
6. Roll up sleeves and tuck in loose clothing.
7. Tie back long hair.
8. Do NOT adjust any knobs on any machine. Ask the teacher for assistance.

Drill Press

1. Guards should be in place and used at all times.
2. Clamp work to table if it is too short to contact the column.
3. Hold the material securely with a vise or clamps.
4. Clamp work when using hole saw or cutting tools that are larger than ½ inch diameter.
5. Do not exceed recommended speed for the drill, accessory, and work piece material.
6. Check that the table or depth stop is adjusted properly to avoid drilling into the table.
7. Be sure chuck key is removed from the chuck before starting drill press.
8. Make all adjustments with the power off.*
9. Disconnect drill from the power source when making the repairs.*

Belt Disc Sander

1. Do not apply **excessive** force towards the disc or belt.
2. **Never** start machine with the work **against** the belt or disc.
3. **Hold the work piece firmly** and feed the material slowly.
4. Material being processed must be **resting on the table** of the machine at all times.
5. Turn machine off and wait for the machine to come to a **complete stop** before leaving.
6. Report to the teacher if the belt / disc sander makes unfamiliar sounds or begins to overheat.
7. Never wear gloves or hold the work piece with a rag when sanding.

Band Saw

1. Hands and fingers must be 3" away from the blade at all times. (This is called the "margin of safety")
2. Keep hands to the sides of the blade.
3. Keep table of band saw clear of all objects when using.
4. **Never** start machine with the piece against the blade.
5. **Hold the work piece firmly** and feed the material slowly.
6. **Do Not** attempt to cut a work piece that does not have a flat surface against the table.
7. Turn the machine off to back out of an uncompleted or jammed cut.*
8. Make relief cuts before cutting inside curves.
9. Turn machine off and wait for machine to come to a complete stop before removing scraps off the table.
10. Never measure at the band saw. Do layout before approaching the machine.
11. Report to the teacher if the band saw makes unfamiliar sounds or smells.