

RCI Safety Series Passport — Scroll Saw

Student Name: _____

Certification Date: _____, 20____

What should you do before using a scroll saw?

Scroll saws can be dangerous if not used properly.

- ✓ Operate only with Mr. Ferguson's permission and after you have received proper instruction.
- ✓ Wear safety glasses or a face shield.
- ✓ Disconnect power supply before changing or adjusting blades. Keep all cords clear of cutting area.
- ✓ Make sure guards, if present, are installed and are working properly.

Refer to Woodworking Machines - General Safety Tips for general safety precautions.

What should you check before starting your machine?

- ✓ When making any adjustments, performing maintenance, or changing the blade, make sure the power is off and the cord is unplugged.
- ✓ Make sure the blade is the proper type for the cut you are planning.
- ✓ Insert the blade with the teeth pointing forward and down to the table.
- ✓ Maintain the proper blade tension.
- ✓ Never start the machine before clearing the table or everything but your workpiece.
- ✓ Never start the machine until all handles are locked.
- ✓ Never reach under the table while the machine is running.

What safety procedures should you follow when using a scroll saw?

- ✓ Inspect your stock carefully.
- ✓ Support a large workpiece to reduce blade breaking and pinching.
- ✓ Always use the hold down device by lowering and adjusting the hold down foot so that it presses lightly on the workpiece, for each new operation.
- ✓ Always keep your hands and fingers away from the blade; follow the 3" rule.
- ✓ Never place your hands or fingers directly in line with the blade where you could cut them if you slipped.
- ✓ Do not start the machine with the blade in contact to the workpiece.
- ✓ Hold the work firmly against the table.
- ✓ This is a variable speed scroll saw; use the proper speed for the job & type of stock you are cutting.
- ✓ Make relief cuts before cutting long or sharp curves.
- ✓ STOP the saw and wait until all motion has stopped before removing small scrap & cut off pieces away from blade and off the table.
- ✓ Do not cut a workpiece that does not have a flat bottom that can rest on the table.
- ✓ Do not cut a workpiece that is too small to safely be supported and held onto.
- ✓ Never back out a bound blade from the kerf with the machine on; turn it off, then back out.
- ✓ Use a "V" block to cut cylindrical stock.
- ✓ When finished, release the blade tension to reduce stress on the blade.
- ✓ Clean the table with a bench brush.



Ensure that you follow all shop safety rules

➡ Safety First ⬅