

RCI Safety Series Passport — Belt Sander

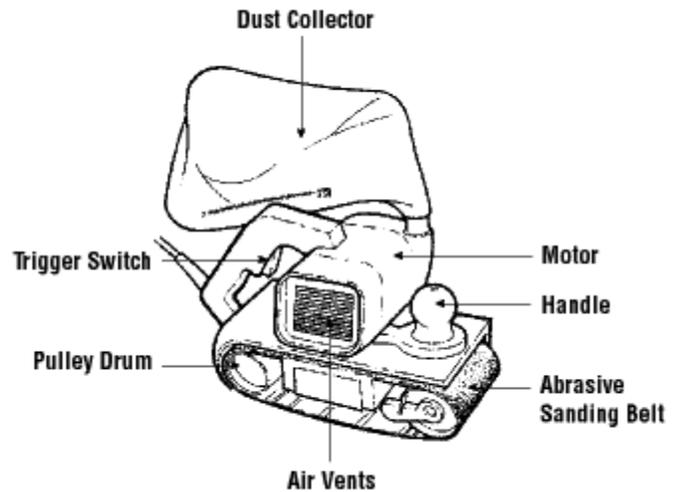
Student Name: _____

Certification Date: _____, 20____

What should you do to work safely with belt sanders?

Belt sanders 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.
- ✓ Wear a dust respirator for dusty operations.
- ✓ Make sure the sander is switched "OFF" before connecting the power supply.
- ✓ Disconnect power supply before changing a sanding belt, making adjustments, or emptying dust collector.
- ✓ Inspect sanding belts before using them. Replace those belts worn or frayed.
- ✓ Install sanding belts that are the same widths as the pulley drum.
- ✓ Adjust sanding belt tension to keep the belt running true and at the same speed as pulley drum.
- ✓ Secure the sanding belt in the direction shown on the belt and the machine.
- ✓ Keep hands away from a sanding belt.
- ✓ Use two hands to operate sanders - one on a trigger switch and the other on a front handle knob.
- ✓ Keep all cords clear of sanding area during use. Clean dust from the motor and vents at regular intervals.



What should you avoid while working with belt sanders?

- ✓ Do not use a sander without an exhaust system or a dust collector present that is in good working order. Empty the collector when 1/4 full. The dust created when sanding can be a fire and explosion hazard. Proper ventilation is essential.
- ✓ Do not exert excessive pressure on a moving sander. The weight of the sander supplies adequate pressure for the job.
- ✓ Do not work on unsecured stock unless it is heavy enough to stay in place. Clamp the stock into place or use a "stop block" to prevent movement.
- ✓ Do not overreach. Always keep proper footing and balance.
- ✓ Do not cover the air vents of the sander.



Ensure that you follow all shop safety rules

➡ **Safety First** ⬅