

Robotics Mandatory Safety Test

Name: _____ Date: _____

If the blade breaks on the bandsaw, what should you do?

- A. Turn off the machine, get the instructor
- B. Yell at someone to come help you
- C. Turn off the machine, wait for it to stop, get the instructor
- D. Turn off the machine and walk away

Do you need your instructors permission to operate this machine?

- A. Yes, I do and the way I get that permission is to pass this test and the practical test
- B. No I don't need his permission. I already know how to safely operate this machine

True or false, you do not need to wear safety glasses while operating the bandsaw.

- A. This is true, I should always wear safety glasses while in the shop
- B. This is false

How close should the guard be adjusted to the piece you are about to cut on the bandsaw?

To brush chips away from the moving drill with the forefinger.

- A. Safe
- B. Unsafe

To leave a key in the drill press chuck.

- A. Safe
- B. Unsafe

To wear loose-fitting clothes while operating machinery.

- A. Safe
- B. Unsafe

To force the drill through the work as fast as it will go.

- A. Safe
- B. Unsafe

To try to stop a piece of work caught on the drill bit.

- A. Safe
- B. Unsafe

Work should always be secured to table.

- A. True
- B. False

Never use a Grinder without the disk guard, why is this so?

- A. It protects you from flying debris
- B. It prevents you from using an incorrect size disk
- C. All of the above

The Grinding disk can be used for cutting material

- A. True
- B. False

How much of a gap should there be between the work rest and the face of the grinding wheel?

- A. 1/8" or less
- B. No less than 1/8"
- C. 1/4"
- D. 1"

Never leave any of the power tools (drillpress, bandsaw, benchgrinder and the like) when it is still spinning, wait for it to come to a complete stop before you leave it.

- A. True
- B. False

Provide the right label for each of the 5 indicated components of the drill press using the following choices:

Chuck, Feed lever, Power Switch, Table, Table Height Handle

	<p>1 _____</p> <p>2 _____</p> <p>3 _____</p> <p>4 _____</p> <p>5 _____</p>
--	--

Provide the right label for each of the 5 indicated components of the bandsaw using the following choices:

Blade Cover, Blade Guard, Blade Tension Knob, Powerswitch, Table

	<p>1 _____</p> <p>2 _____</p> <p>3 _____</p> <p>4 _____</p> <p>5 _____</p>
---	--

When unsure of a tool or machine, ask the teacher for specific instructions.

- A. True
- B. False