



VOCS Shop Safety Test

Score: _____

Band Saw

You must pass the test with, or correct it to, a 100% before being certified in the band saw.

Name: _____ Date: _____

1. Prior to starting the band saw to make a cut, you should check the machine for...
 - A. Proper blade tension
 - B. Proper blade guard and guide adjustment
 - C. Proper blade alignment
 - D. All of the above
2. The guards on the band saw should be adjusted approximately...
 - A. 1/8" to 1/4" above the stock
 - B. About 1/2" above the stock
 - C. 1 to 2 " above the stock
 - D. Tight against the stock
3. The teeth of the band saw blade should...
 - A. Point upward away from the table
 - B. Point downward toward the table
 - C. Point to the back, away from the user
 - D. Any of the above according to type of cut
4. For control and safety, the user's hands should...
 - A. Be as close to blade as possible
 - B. Be as far from the blade as possible
 - C. Be no closer than 3" from the blade
 - D. Be within the spotlight for clear visual safety
5. When cutting on the band saw...
 - A. Clamp stock to the table
 - B. Stand to the right side of the blade
 - C. Always use a rip fence or a miter gauge
 - D. Keep fingers and thumbs to the side or back of the blade
6. Freehand cutting on the band saw should only be attempted...
 - A. When stock is resting flat on the table or in a jig
 - B. When making an inside cut
 - C. Should never be done
 - D. When there is no way to use a fence or miter gauge
7. When cutting sharp or tight curves, you should...
 - A. Feed the work quickly to avoid binding
 - B. Make relief cuts that will free the blade
 - C. Feed the work slowly
 - D. Back the blade out of the cut if it binds
8. If it becomes necessary to back out of a long cut, you should...
 - A. Continue pushing the stock forward
 - B. Carefully back the stock off the blade while running
 - C. Try to turn the stock on the blade
 - D. Stop the machine and back the stock off the blade
9. When cutting a cylindrical piece of stock, you should...
 - A. Use a fence
 - B. Use a miter gauge
 - C. Use a V-block
 - D. Nothing, you should never cut cylindrical stock
10. While operating the band saw, it is a safe practice to...
 - A. Have others around you to warn you of danger
 - B. Keep a well-balanced stance
 - C. Talk to others to explain your cut
 - D. Reach across the material being cut
11. Cutting with a dull blade...
 - A. Is safer than a sharp blade.
 - B. Causes the user to push harder and increases risk of injury
 - C. Is of no concern with the fast moving band saw
 - D. Trick question: Band saw blades don't get dull
12. You should use force to push a piece of stock through the blade...
 - A. When the stock is difficult to get through
 - B. Never, your hands could slip off
 - C. When the blade is stuck
 - D. Always, or else it won't go through



VOCS Shop Safety Test

Band Saw

Using the list below, label the parts of the machine

- ___ On off switch
- ___ Miter slots
- ___ Blade
- ___ Upper guide
- ___ Guide post lock knob
- ___ Tension adjustment knob
- ___ Table

