

STUDY GUIDE BAND SAW SAFETY

NAME: _____

CLASS OR PERIOD: _____

DATE OF INSTRUCTION: _____

- | | | | |
|--|--------------------------|---|-------------------------------------|
| 1. Before you use the band saw, check the blade. Be sure the blade is sharp and that it is the right type of blade for the work you want to do. | <input type="checkbox"/> | 12. Don't force the cut. Feed the material slowly enough to allow a smooth, easy cut. | <input checked="" type="checkbox"/> |
| 2. Check the tension of the blade and check to be sure it's installed properly with the teeth pointing downward. | <input type="checkbox"/> | 13. If you have to back out of a cut, turn off the saw and wait for it to come to a complete stop. Pull the material back without forcing it and without twisting the blade. | <input type="checkbox"/> |
| 3. Check with your instructor before you make any changes on the saw and before you use any special set-ups. | <input type="checkbox"/> | 14. Small circles or sharp curves should be cut with a narrow blade. Make relief cuts first. | <input type="checkbox"/> |
| 4. Wheel guards must be closed and locked before the saw is switched on. | <input type="checkbox"/> | 15. Keep your fingers away from the front of the blade. Guide the material so your hands and fingers are never in line with the cut. Keep them completely out of the path of the cut. | <input type="checkbox"/> |
| 5. Before you switch on the saw, adjust the upper blade guide so it's about 1/4 inch above the material you're going to cut. | <input type="checkbox"/> | 16. Use a piece of wood to remove scraps from around the blade. The safest way is to stop the saw first, then remove the scrap material. | <input type="checkbox"/> |
| 6. When you switch on the saw, be sure that it is tracking properly. The blade should move evenly between the blade guides and along the blade support wheel. | <input type="checkbox"/> | 17. Keep the material firmly against the table. The stock must be supported by the table. | <input type="checkbox"/> |
| 7. If the blade makes a clicking noise while it's operating, turn off the saw <i>immediately</i> . A clicking sound usually means there's a crack in the blade. It usually means the blade is about to break. | <input type="checkbox"/> | 18. Stay balanced. Plan the cut so you can always keep yourself balanced. | <input type="checkbox"/> |
| 8. Never stand on the right side of the table, and don't let anyone else stand on that side of the saw. If the blade breaks it could be thrown out of the saw toward the right side and it would cause some very serious injuries. | <input type="checkbox"/> | 19. If the material you're cutting is large or heavy, get help. Get someone to support the material while you guide it through the saw. | <input type="checkbox"/> |
| 9. If the blade breaks, get out of the way <i>immediately</i> . | <input type="checkbox"/> | 20. Don't try to cut cylindrical stock on the band saw. | <input type="checkbox"/> |
| 10. Never make any adjustments on the saw while it's moving. Adjustments should be made only when the saw is completely stopped. | <input type="checkbox"/> | 21. Don't leave the machine while it's running. Turn it off and wait until it comes to a complete stop before you leave. | <input type="checkbox"/> |
| 11. Wait for the saw to come up to full speed before you start the cut. | <input type="checkbox"/> | 22. Use the bandsaw <i>only</i> after it's been demonstrated for you and you understand how to use it correctly and safely. | <input type="checkbox"/> |

NAME: _____

CLASS OR PERIOD: _____

DATE: _____ SCORE: _____

ALWAYS WEAR EYE PROTECTION

1. Before using the band saw the blade should be checked to make sure it is _____ and that it is the right type of blade for the work.
2. Check to be sure the blade is installed properly with the teeth pointing _____.
3. Get permission from the instructor before making any _____ or adjustments on the saw.
4. The wheel guards must be _____ and locked before the saw is turned on.
5. The blade guide should be adjusted so that it is about _____ above the material you are going to cut.
6. When you switch on the saw, make sure it is _____ properly.
7. If the saw makes a _____ noise while it is running, turn it off *immediately*.
8. Never stand on the _____ side of the table, and don't let anyone else stand on that side while the saw is running.
9. If the blade breaks, get out of the way _____.
10. Never make adjustments on the saw while it is _____.
11. Wait for the saw to come up to _____ speed before you start the cut.
12. Feed the material smoothly and evenly through the cut. Don't _____ it.

COMPLETE EACH STATEMENT WITH THE CORRECT LETTER OR WORDS IN THIS COLUMN

- A. SAFELY
- B. BALANCE
- C. NARROW
- D. FORCE
- E. 1/4 INCH
- F. DOWNWARD
- G. LEAVE
- H. TABLE
- I. BACK OUT
- J. CLICKING
- K. CHANGES
- L. SHARP
- M. CYLINDRICAL
- N. WOOD
- O. IMMEDIATELY
- P. FULL
- Q. CLOSED
- R. TRACKING
- S. RUNNING
- T. RIGHT
- U. NEVER
- V. SUPPORT



NAME: _____

CLASS OR PERIOD: _____

13. Do not _____ of a cut while the saw is running. Stop the saw and wait for it to come to a complete stop.
14. A _____ blade should be used for cutting small circles or sharp curves. Relief cuts should be made first.
15. Guide the material so your hands and fingers are _____ in the path of the cut. Keep them out of the line of the cut.
16. Use a piece of _____ to remove scraps from around the blade.
17. The material must be held down firmly against the _____ while it is being cut.
18. Plan the cut so you can keep your _____ all the way through the cut.
19. When you cut a large piece of material, ask someone to help _____ the stock while you guide it through the saw.
20. You should never try to cut _____ stock on the band saw.
21. Always turn the band saw off and wait for it to come to a complete stop before you _____ it.
22. Do not use the band saw until you understand how to use it correctly and _____.

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GET PERMISSION

13**ANSWER KEY**
BAND SAW SAFETY**13****ANSWER KEY**
BAND SAW SAFETY
second pageSTATEMENT
NUMBERCORRECT LETTER
AND WORDS

- | | |
|----|----------------|
| 1 | L. SHARP |
| 2 | F. DOWNWARD |
| 3 | K. CHANGES |
| 4 | Q. CLOSED |
| 5 | E. 1/4 INCH |
| 6 | R. TRACKING |
| 7 | J. CLICKING |
| 8 | T. RIGHT |
| 9 | O. IMMEDIATELY |
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| 11 | P. FULL |
| 12 | D. FORCE |

STATEMENT
NUMBERCORRECT LETTER
AND WORDS

- | | |
|----|----------------|
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| 14 | C. NARROW |
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| 20 | M. CYLINDRICAL |
| 21 | G. LEAVE |
| 22 | A. SAFELY |