

## STUDY GUIDE

### DADO SET SAFETY

(Table Saw Application)

NAME: \_\_\_\_\_

CLASS OR PERIOD: \_\_\_\_\_

DATE OF INSTRUCTION: \_\_\_\_\_

- |   |  |
|---|--|
| <p>1. Use the dado set <i>only</i> with your instructor's permission. <input type="checkbox"/></p>  | <p>12. Be sure the arbor nut is tightened securely. <input type="checkbox"/></p>   |
| <p>2. Keep shirt sleeves rolled up neatly. Keep clothes tucked in. Remove jewelry and watches. <input type="checkbox"/></p>   | <p>13. Be sure the throat plate is the right size. The dado set has to be clear underneath the throat plate and on both sides of the slot. <input type="checkbox"/></p>                            |
| <p>3. Check the condition of the dado set to be sure it's sharp and in good condition. Dull or damaged teeth make this tool much more dangerous than when it's sharp. <input type="checkbox"/></p>                                      | <p>14. Use the miter gage for cross-cutting. <input type="checkbox"/></p>  |
| <p>4. The wood <i>must</i> be in good condition. The wood has to be straight, smooth and free of any defects. <input type="checkbox"/></p>  | <p>15. Be sure the miter gage travels freely down the entire length of the slot. <input type="checkbox"/></p>  |
| <p>5. Some blade guards cannot be used with the dado set. Check with your instructor to be sure the blade guard on the saw is the correct type for use with the dado set. <input type="checkbox"/></p>                                  | <p>16. Use a push stick or a push block when the rip fence is used as the cutting guide. <input type="checkbox"/></p>  |
| <p>6. Auxiliary fences, or false fences, should be attached to the miter gage and the rip fence when the dado set is used. <input type="checkbox"/></p>   | <p>17. <i>Never</i> cut free-handed. Always use the miter gage or the rip fence as cutting guides. <input type="checkbox"/></p>  |
| <p>7. Disconnect the power to the saw before you install the dado set, and disconnect the power whenever you make any major changes to the set-up. Also disconnect the power when you remove the dado set. <input type="checkbox"/></p> | <p>18. Hold the material down firmly against the table and along the cutting guide. <input type="checkbox"/></p>   |
| <p>8. Make all minor changes or adjustments with the saw turned off and at a complete stop. <input type="checkbox"/></p>  | <p>19. Don't stand in the area in front of the blades; stay out of the direction of a possible kick-back. <input type="checkbox"/></p>   |
| <p>9. The dado set must be installed with all the teeth pointing toward the infeed end of the table. The teeth of the outer blades <i>and</i> the chippers must point toward where the operator stands. <input type="checkbox"/></p>    | <p>20. Keep yourself balanced and don't over-reach. <input type="checkbox"/></p>   |
| <p>10. Always use both outer blades with the chippers lined up correctly between them. <input type="checkbox"/></p>   | <p>21. Keep your arms and hands away from the areas directly in front and over the blades. <input type="checkbox"/></p>  |
| <p>11. Position the chippers so the chipper teeth are lined up with the gullets of the outer blades. <input type="checkbox"/></p>   | <p>22. Never use the rip fence itself as a stop-block. Attach a stop-block or a clearance block to the rip fence if necessary, but don't use the rip fence as a stop. <input type="checkbox"/></p> |
|   | <p>23. When you use a clearance block, clamp it to the rip fence well in front of the dado set. <input type="checkbox"/></p>   |
|   | <p>24. Use feather boards or hold-down clamps whenever possible. <input type="checkbox"/></p>  |
|   | <p>25. Don't use the dado set unless you fully understand how to use it safely and correctly. <input type="checkbox"/></p>   |