

SHAPER SAFETY TEST #19

Name: _____ Score: _____ Term: _____ Date: _____

Directions: Fill in the blank with the best proper word that will complete the question. If it asks to explain do so as completely and accurately as possible.

(Rockwell 2 Speed Heavy Duty Wood Shaper)

1. IF YOU ARE NOT thoroughly familiar with the operation of Wood Shapers obtain advice from you supervisor. _____ or other qualified person.
2. MAKE all _____ with the power off.
3. ALWAYS use a miter gage and clamp attachment when edge shaping work less than _____ wide.
4. Place wrench on flats on top of spindle and tighten nut on _____ of tie rod to fasten spindle to spindle cartridge.
- 5-6. The diameter of the spindle _____ should be at least 1" larger than the maximum cutting circle of the shaper cutter and height of the guard should not exceed ¼" _____ material.
7. Always place _____ washer on spindle before screwing on nut.
8. The "keyed" washer prevents the _____ from loosening when spindle turns counterclockwise.
9. The spindle can be raised or lowered by loosening lock knob and turning _____.
10. _____ tighten lock knob after raising or lowering spindle.
11. The wood fence should be adjusted endwise so the _____ is never more than is required to clear the spindle guard.
12. Shaping with the _____ is the safest and most satisfactory method of working.

(Over)

- 13-15. When the shaping operation removes the entire edge of the work, the shaped edge will not be supported by the _____ fence when both fences are in line. In this case, the work should be _____ to the position shown in Fig. 25 and stopped. The rear fence should then be advanced to _____ the work.
16. The edge of the work to be shaped _____ be smooth.
17. A portion of the edge of the work **MUST** remain _____ by the cutters in order that the collar will have sufficient bearing surface.
18. The work must be fairly heavy in _____ to the cut being made.
19. When the collar is used below the cutter, the progress of the cut can be _____ at all times.
20. When the collar is used above the cutter, the cut cannot be seen, yet this method offers some advantage in that the cut is not affected by slight variations in the _____ of the stock.