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Sample Tool Use General Safety Test (students should be required to retake the test until they achieve a perfect score. Please modify the content of this test to fit your team's tools and safety regulations)

T or F 1. Always walk, do not run while in the Building and Construction Shop.

T or F 2. It is okay to talk or interrupt anyone who is working on a machine.

T or F 3. When changing cutters, blades, or sandpaper on any machine, unplug the machine.

T or F 4. Leaving tools or pieces of stock lying on the table surface of a machine being used is not a good thing to do.

5. When finished with a machine, remove the _____ and wait until the blade or cutter has come to a complete stop before leaving.

6. Make all adjustments with the _____ and the machine at a dead stop.

7. When cleaning a work surface, use a _____ to do so. Never remove sawdust or cuttings by hand while the machine is _____.

8. Use available safety guards on power equipment. However, it should be understood that using safety guards does not necessarily prevent _____.

9. When using tools for set-up work on a machine,

- _____ select the right tool for the job
- _____ keep the tool in a safe condition
- _____ keep the tool in a safe place
- _____ all of the above

10. Strange machine noises or faulty operation means that

- _____ your machine is telling you it's okay
- _____ the bearings need a drop of water
- _____ the extension cord is not long enough
- _____ your machine has something wrong with it and you should report the problem to the instructor.

11. When working with a cutting tool, keep your eyes focused

- _____ on the girl/boy working next to you
- _____ on the clock
- _____ on what is going on around you
- _____ on where the cutting action is taking place

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12. An accident is often caused by

- _____rushing what you are doing
- _____running too small a pieces of stock through a machine
- _____not using safety guards
- _____all of the above

Matching

Column I

- 13. Blade guard_____
- 14. lifting objects from the floor_____
- 15. making equipment adjustments _____
- 16. strange noises _____

Column II

- a. bend knees
- b. power off
- c. safety device
- d. equipment problems

17. What is the first thing you put on when entering the shop?

- _____cool hat
- _____necktie or scarf
- _____sandals
- _____safety glasses

18. Good housekeeping in the shop means

- _____materials and equipment are put where they belong
- _____aisles and walkways are clear of tools, materials, and debris
- _____scraps and rubbish are disposed of daily to prevent fires and reduce hazards
- _____all of the above

Short Answer:

- 19. Why should the number of people in the work area be kept to a minimum when using tools?
- 20. Explain two ways an extension cord can be dangerous if not intentionally managed both during use and while not in use.
- 21. If a person has experience with a powered miter saw but has never used a sliding compound miter saw, what should they do before using the tool?
- 22. Name five things that can cause eye injury in the work area. Name one practice that would prevent most eye injuries in the work area.
- 23. Describe a situation where neglecting to use clamps is likely to cause injury.
- 24. Describe at least two scenarios where getting long hair or loose clothing caught in a tool will likely lead to serious injury.
- 25. Explain why one should never push directly towards the working blade or bit.
- 26. Describe the proper way to remove sawdust or cuttings from the cutting head.
- 27. Give one example of what might happen if you ignore the regulation "Do not try to free a stalled blade before turning the power off."