

Milling Machine Safety Quiz

Name: _____

Review the pump fabrication presentation focusing on slides 8 through 16 in order to complete the "safety quiz" below. When you are sure you understand all of the information in the presentation, sign the bottom of the quiz. Do not include this quiz with your homework. Your instructor will collect your quiz from you just before you begin the fabrication. Do not fold this quiz.

1. (T F) You should clean and inspect the machine before starting work and let your instructor know if you think something may be wrong with the equipment.
2. (T F) The crank handle on the right side of the machine (down low) moves the x-y table in the y-direction.
3. (T F) The lock-bolt for the x-direction slide should be turned upward to keep it from breaking.
4. (T F) DRO stands for Don't Run Outside (unless there is a fire).
5. (T F) You should hit the emergency stop if you suspect there may be a problem.
6. (T F) The speed control should be set to full blast all the time, especially when using the large Forstner bit.
7. (T F) I will never turn the machine on unless the shield is closed and is clear of the spindle and the x-y table.
8. (T F) When tightening the workpiece into the vise, I should get it as tight as possible, using all of my weight.
9. (T F) I am only allowed to use the equipment when I completely understand all of the safety rules and agree to carefully abide by them.
10. (T F) I will never attempt to touch anything on an operating milling machine except the crank handles, the off button, or the emergency stop button.
11. (T F) I will not operate the machine while wearing loose clothing.
12. (T F) Long hair must be securely tucked under a cap when using rotating equipment.

I promise to adhere by the guidelines presented in the Pump Fabrication presentation and act responsibly when using equipment that could be hazardous to others and me.

Signature: _____ Date: _____