

Bench Grinder Safety and Operation Test

Name_____ Date_____

Multiple Choice - Write the letter that best answers the question to the left of the question number.

- _____1. Before operating the grinder you must
A. get permission from the instructor. B. wear eye protection.
C. make sure the tool rest is properly adjusted. D. All of the above.
- _____2. The tool rest is properly adjusted when it is
A. completely removed from the grinder.
B. 2" to 3" away from the belt or wheel.
C. not more than 1/8" away from the belt or wheel.
D. All of the above.
- _____3. Safety shields must be in place before operating the grinder.
A.True B. False
- _____4. Jamming the work piece into the belt or wheel could damage the grinder and result in serious injury to persons near the machine.
A.True B. False
- _____5. When operating the grinder, you should
A. be the only operator at that time.
B. use steady, even pressure which does not slow down the motor.
C. Stay with the machine until wheels come to a complete stop.
D. All of the above.
- _____6. When using the grinder, always
A. hold the work piece firmly against the tool rest.
B. keep long hair, loose clothing, and accessories away from the wheel or belt.
C. use the front of the wheel, not the side.
D. All of the above.
- _____7. Never hold the work piece with a rag or materials which may become entangled in the grinder.
A.True B. False

____8. Applying excessive pressure on the belt or wheel could cause it to break.

A.True B. False

____9. The tool rest should be adjusted only with the grinder at a dead stop.

A.True B. False

____10. If you are uncertain about the set-up or any aspect of the operation, you should...

- A. go ahead and try the operation.
- B. check with your teacher before proceeding.
- C. call the machine manufacturer.
- D. None of the above.