

Name: _____ Date: _____

Machine Guarding Pre Test

1. **Point of operation means the point at which:**
 - A. an employee has a medical procedure done.
 - B. controller interacts with the gaming system.
 - C. the operator stands at the control panel to perform work.
 - D. work is performed on the material such as cutting, shaping, boring, or forming of stock.

2. **What does a power transmission device do?**
 - A. Provides a guard that protects the employee from hazards.
 - B. Transmits energy to the part of the machine performing the work.
 - C. Uses light source to interrupt machine operating cycle.
 - D. Is a stand-alone barrier.

3. **What is a nip point?**
 - A. A safety restraint
 - B. An awareness barrier
 - C. A point between rotating and fixed parts which shear, crush, or abrade.
 - D. A safety check point

4. **A reciprocating motion is a motion that:**
 - A. Is a repetitive up and down or back and forth linear motion.
 - B. Flows in a continuous motion in one direction.
 - C. Goes back and forth in a circle.
 - D. None of the above

5. **Which machine uses a cutting action?**
 - A. Sewing machine
 - B. Washing machine
 - C. Circular saw
 - D. Conveyor belt

6. **Hazards to be guarded can include:**
 - A. In running nip points
 - B. Rotating equipment
 - C. Belts or gears
 - D. All of the above

7. **The hazard in using a punch press comes at the _____?**
 - A. Operator starting the press
 - B. Point of operation
 - C. Handling the final product
 - D. There is no hazard

8. **A _____ guard is a barrier that is a permanent part of the machine. It is not dependent upon moving parts to function.**
 - A. Self-adjusting
 - B. Fixed
 - C. Interlocked
 - D. Adjustable

Name: _____ **Date:** _____

Machine Guarding Pre Test

9. Pullback devices are:

- A. Body harnesses that pull you back like a bungee.
- B. A light source that controls a machine's operating cycle.
- C. A device located around the perimeter of a danger area.
- D. Attached to the operators hands or wrists, removes hands from the Point of Operation.

10. A machine will operate when a gate guard is open.

- A. True
- B. False

11. The following are considered miscellaneous aids:

- A. Awareness barriers, protective shields, and special hand tools
- B. Feeding, ejection methods, and robots
- C. Earmuffs, face masks, and gloves
- D. Goggles, steel toe boots, and hard hats

12. When performing a ring test on an abrasive wheel you will hear _____ if the wheel is undamaged:

- A. No noise
- B. A dull sound
- C. A clear ring
- D. Beyoncé

13. Gears, sprockets, and chains shall be guarded by the following:

- A. By a complete enclosure
- B. By a standard guard at least 7 feet high extending 6 inches above mesh point
- C. By a band guard covering the face of the gear
- D. All of the above

14. Compressed air must not be used for cleaning unless reduced to:

- A. 10 PSI
- B. 15 PSI
- C. 30 PSI
- D. 50 PSI

15. Who is responsible for the safe condition of tools and equipment on a job site?

- A. Employee
- B. Employer
- C. Human Resources
- D. OSHA