Machine Guarding Post Test

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

2. A machine will operate when a gate guard is open.
   A. True
   B. False

3. 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

4. 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.

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

6. 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.

7. 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

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
Machine Guarding Post Test

9. Compressed air must not be used for cleaning unless reduced to:
   A. 10 PSI
   B. 15 PSI
   C. 30 PSI
   D. 50 PSI

10. 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

11. 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.

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. Beyonce

13. 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

14. Who is responsible for the safe condition of tools and equipment on a job site?
    A. Employee
    B. Employer
    C. Human Resources
    D. OSHA

15. 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

This material was produced under grant 46F6-HT30 from the Occupational Safety and Health Administration, U.S. Department of Labor. It does not necessarily reflect the views or policies of the U.S. Department of Labor, nor does mention of trade names, commercial products, or organizations imply endorsement by the U.S. Government. Revisions were made to this material under grant number SH-31240-SH7 from the Occupational Safety and Health Administration, U.S. Department of Labor.