

Machine Guarding Quiz

Name: _____

1. **Couplings, spindles, and shafts are examples of what kind of hazardous mechanical motion?**
 - a. Reciprocating.
 - b. Transverse.
 - c. Rotating.
 - d. Punching.

2. **Which types of moving parts need guarding?**
 - a. Power transmission apparatus
 - b. The point of operation
 - c. Other moving parts
 - d. All of the above.

3. **What's the difference between the point of operation and the power transmission apparatus?**
 - a. The POO is where the machine works on the materials fed into the machine; the PTA transfers mechanical energy throughout the machine to move machine parts.
 - b. The PTA is electrical energy; the POO is mechanical energy.
 - c. The POO uses rolling motion; the PTA uses reciprocating motion.
 - d. There is no difference.

4. **Which Machine motion is the most dangerous?**
 - a. Cutting action
 - b. Punching action
 - c. Bending action
 - d. All motions can cause serious injuries

5. **Nip points are associated with:**
 - a. Bending action
 - b. Rotating action
 - c. Cutting action
 - d. None of the above.

6. **If power is applied to a slide that works on metal stock, what type of action is involved?**
 - a. Punching action
 - b. Shearing action
 - c. Bending action
 - d. All of the above

7. **What should be firmly secured to the machine?**
 - a. The guards.
 - b. The operating instructions.
 - c. The awareness barrier
 - d. The personal protective equipment.

8. What is the difference between a guard and a safety device?

- a. The guard creates no new hazards; the safety device is a physical barrier that prevents contact with the moving parts.
- b. The guard is a physical barrier that prevents access to danger areas; the device performs one of several functions.
- c. The guard requires the operator to use both hands to run the machine; the device is a physical barrier.
- d. There is no difference.

9. Installing a machine in a place where no one can contact moving parts is an example of:

- a. An interlock.
- b. Safety restraints
- c. Guarding by location
- d. An awareness barrier

10. Personal protective equipment:

- a. Is never needed if machine guards are used.
- b. Never contributes to a job's hazards
- c. Is required when guards can't provide full protection.
- d. Is an example of a two-hand control

Machine Guarding Quiz Answers

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