

## Machine Guarding – Quiz

- Workers who operate and maintain machinery suffer approximately \_\_\_\_\_ amputations.
  - 100
  - 18,000
  - 10,000
  - 30
- Which of the following is not one of the fundamental parts of a machine?
  - Point of Operation
  - Power Transmission Device
  - Power Cord
  - Operating Controls
- \_\_\_\_\_ creates a hazard because a worker may be struck or caught in a pinch or shear point by the moving part.
  - Rotating motions
  - Transverse motion
  - In-running nip points
  - Reciprocating motions
- The basic types of hazardous actions are cutting, punching, shearing, and \_\_\_\_\_.
  - Transverse motion
  - Rotating points
  - Plugging in a machine
  - Bending
- True/False. Generally, additional aids do not provide complete protection and should be used in conjunction with other safety measures.
  - True
  - False
- \_\_\_\_\_ guards are permanent parts of the machine.
  - Self-adjusting
  - Interlocked
  - Adjustable
  - Fixed

7. Which safeguard device has a probe or contact bar which descends to a predetermined distance when the operator initiates the machine cycle?
  - a. Radiofrequency presence-sensing device
  - b. Electromechanical sensing device
  - c. Pullback device
  - d. Safety trip controls
  
8. True/False. User-built guards do not have any disadvantages.
  - a. True
  - b. False
  
9. Which of the following machines generally would NOT require a guard?
  - a. Guillotine cutters
  - b. Jointers
  - c. Power presses
  - d. None of the above
  
10. True/False. If possible, machine design should permit routine lubrication and adjustment without removal of safeguards.
  - a. True
  - b. False