

## Jay Industries, Inc.

### Machine Guarding Quiz and Training Certification

1. Any machine part, function or process which may cause injury must be safeguarded.
  - ☐ True
  - ☐ False
2. Many industrial amputations occur due to missing or inadequate machine guarding.
  - ☐ True
  - ☐ False
3. Adjustable guards provide a barrier which may be adjusted to facilitate a variety of production operations.
  - ☐ True
  - ☐ False
4. When thinking about Machine Guarding, make sure to consider the following:
  - a. Over-Under-Around-Through
  - b. Up-Down-All Around
  - c. On Top-Underneath-Sideways-Behind
  - d. Under-Over-Over-Under
5. Machine Guarding is important to everyone, but Managers and Supervisors must take responsibility for it.
  - ☐ True
  - ☐ False
6. Machine Guarding is essential to protect workers from needless and preventable machinery related injuries.
  - ☐ True
  - ☐ False
7. Rotating motion is dangerous because it can grip clothing or force an arm or hand into a dangerous position, via skin contact.
  - ☐ True
  - ☐ False
8. Operators should receive training on how and why to use safeguards.
  - ☐ True
  - ☐ False
9. Nip point hazards are caused by the in-turning sides of rotating parts.
  - ☐ True
  - ☐ False

10. Properly designed holding tools may be used to supplement machine safeguards.

- ☐ True
- ☐ False

11. Only specific moving parts that are identified by the manufacturer need to be guarded.

- ☐ True
- ☐ False

12. The three general areas that require safeguarding are:

- a. Blades, shears, nip points
- b. Point of Operation, Power Transmission, Other moving parts
- c. Pings, pongs, slupps
- d. Fixed, exposure, nips, tugs

13. Transverse motion (movement in a straight, continuous line) does NOT create a hazard because workers cannot be struck or caught in a pinch point or a shear point by the moving part.

- ☐ True
- ☐ False

14. Examples of guarding methods include:

- a. Lines, screens, signs, stops
- b. Barrier guards, two-hand palm buttons, electronic safety devices
- c. Alarms, fixtures, emergency stop buttons
- d. Carriers, bolsters, blocks, steps

15. Tools and machines in the engineering or tool and die areas do not have to meet the same requirements for machine guarding as general operations do.

- ☐ True
- ☐ False

## **Machine Guarding Training Certification**

I, (print name)\_\_\_\_\_ certify that on this date I received training on Machine Guarding and completed the Machine Guarding Quiz.

I understand the material provided and will follow the instructions. If I have questions, I will contact my supervisor, manager, or the Jay Industries EHS Department.

Signature:\_\_\_\_\_ Plant:\_\_\_\_\_

Trainer

Signature:\_\_\_\_\_ Date:\_\_\_\_\_

Comments/Questions:\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_