

# Machine Guarding Quiz

Name: \_\_\_\_\_

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

## True or False (Circle the Correct Answer)

1. T or F? A rotating shaft end can grip clothing and force a body part into a dangerous location.
2. T or F? Hazard analysis is a technique that focuses on the relationship between the worker, the task, tools, and the work environment.
3. T or F V-belts must be guarded to prevent workers from the in-running nip points where the belt travels toward the drive wheel.
4. T or F? Using administrative controls, such as work procedures, is more effective at protecting employees from hazards versus engineering controls such as a machine guard.
5. T or F? Lockout tagout is required when an employee performs servicing or maintenance on a machine in which unexpected start-up or energization may occur.
6. T or F? As a rule of thumb, any part, function or process that could cause employee injury should be safe guarded.
7. T or F? A fixed guard shuts off or disengages power and prevents machine start up when the guard is in the open position.

## Multiple Choice (Circle the Correct Answer)

8. One of the most common types of mechanical power transmission apparatus is a?
  - A. V-belt
  - B. C-belt
  - C. J-belt
  - D. Z-belt
9. What type of hazard is present when two parts move together and at least one part moves in a circular motion?
  - A. Transversing motion
  - B. In-running nip point
  - C. Reciprocating Motion
  - D. Twisting motion
10. A barrier that prevents exposure to identified hazards is known as a?
  - A. Power transmission apparatus
  - B. Guard
  - C. V-belt
  - D. Machine part

## Test Key

1. True
2. True
3. True
4. False
5. True
6. True
7. False, Interlocked guard
8. A
9. B
10. B