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## Electrical Safety Post Test

Instructor(s): \_\_\_\_\_ Name: \_\_\_\_\_  
Class: Electrical Safety Module Date: \_\_\_\_\_  
Location: \_\_\_\_\_ Results: \_\_\_\_\_

### Instructions

Answer the questions to the best of your ability. When completed, please remain in your seat quietly until everyone has finished.

- 1) \_\_\_\_\_ **What are substances with high resistance to electricity like glass, porcelain, plastic, and dry wood that prevent electricity from getting to unwanted areas?**
  - a. Conductors
  - b. Insulators
  - c. Grounding
  
- 2) \_\_\_\_\_ **Low voltage does not mean low hazard.**
  - a. True
  - b. False
  
- 3) \_\_\_\_\_ **There are (4) hazards associated with electricity, and they are:**
  - a. RF Radiation, Chemical Burns, Heat Exposure, & Falls
  - b. Falls, Shocks, Burns, & Death
  - c. Death, Hypothermia, Mesothelioma, & Silicosis
  
- 4) \_\_\_\_\_ **The path electricity takes to ground has no effect on the damage to a human body.**
  - a. True
  - b. False

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- 5) \_\_\_\_\_ **Which of the following hazards associated with electricity is the most common?**
- a. Shocks
  - b. Burns
  - c. Electrocutions
  - d. Falls
- 6) \_\_\_\_\_ **Arc flash is:**
- a. A grounding method.
  - b. Not harmful to humans.
  - c. An electrical strengthening of the resistance of air.
  - d. An electrical breakdown of the resistance of air.
- 7) \_\_\_\_\_ **What causes arc flashes/blasts?**
- a. Overvoltage across narrow gaps
  - b. A, C, & D
  - c. Failure of insulating materials
  - d. Dust and impurities
- 8) \_\_\_\_\_ **The following are all included in the Electrical Safety Program except:**
- a. Training
  - b. PPE
  - c. Heat/Cold Stress
  - d. Policies & Procedures
  - e. Tools & Equipment
- 9) \_\_\_\_\_ **An Electrical Safety Program does not necessarily need to be in working order before workers are exposed to the hazards relating to it.**
- a. True
  - b. False
- 10) \_\_\_\_\_ **Electrical injuries are the 5<sup>th</sup> highest cause of industrial fatalities.**
- a. True
  - b. False