

Arc Flash Safety Training Pretest

This test is to be completed by employees PRIOR to training.

Please PRINT your Answers below:

1. Which of the following is an insulator of electricity?
 - a) Gold
 - b) Copper
 - c) Sweat
 - d) Pure water1. _____

2. Which of the following would increase the amount of current in a circuit?
 - a) Heating up the conductors
 - b) Decreasing the voltage
 - c) Decreasing the work distance
 - d) Decreasing resistance2. _____

3. What makes a short circuit dangerous?
 - a) A larger load on the circuit
 - b) Little-to-no resistance
 - c) Less voltage
 - d) Decreased current3. _____

4. What is electrocution?
 - a) An electric shock that kills someone
 - b) A light shock
 - c) An arc flash that injures a worker
 - d) Electricity that resides in capacitors4. _____

5. All of the following about arc flash are true except:
 - a) Hot temperatures
 - b) Loud noises
 - c) Bright lights
 - d) Low currents5. _____

6. What determines the intensity of an arc flash?
 - a) The available current and how long it lasts
 - b) The voltage and humidity level
 - c) Air pressure and voltage level in the sensors
 - d) Energy and fault lines6. _____

7. What must be on all equipment that has an arc flash hazard?
 - a) An arc flash warning or danger label
 - b) A shock protection sign
 - c) A blue arc flash label with a yellow warning triangle
 - d) A green arc flash hazard stamp7. _____

8. What normally happens to PPE during an arc flash?
 - a) It sounds an alarm
 - b) It is destroyed instead of your skin
 - c) It burns cleanly and without much heat
 - d) It shrinks and fits better8. _____

9. What would a qualified worker look like with Level 4 PPE on?
 - a) Someone wearing a space suit
 - b) Someone wearing a suit of armor
 - c) Someone wearing a scuba diving outfit
 - d) Someone getting ready to run outside9. _____

10. What will an arc flash label usually have on it?
 - a) Panel destination and source current
 - b) PPE level required and flash protection boundary
 - c) Surge protection level and secondary relay boundary
 - d) PC3 data on voltage and wattage10. _____