

## Arc Flash Safety Training Pre/Post Test KEY

1. Which of the following is an insulator of electricity?

Gold

Copper

Sweat

**Pure water**

2. Which of the following would increase the amount of current in a circuit?

Heating up the conductors

Decreasing the voltage

Decreasing the work distance

**Decreasing resistance**

3. What makes a short circuit dangerous?

A larger load on the circuit

**Little-to-no resistance**

Less voltage

Decreased current

4. What is electrocution?

**An electric shock that kills someone**

A light shock

An arc flash that injures a worker

Electricity that resides in capacitors

5. All of the following about arc flash are true except:

Hot temperatures

Loud noises

Bright lights

**Low currents**

6. What determines the intensity of an arc flash?

**The available current and how long it lasts**

The voltage and humidity level

Air pressure and voltage level in the sensors

Energy and fault lines

7. What must be on all equipment that has an arc flash hazard?

**An arc flash warning or danger label**

A shock protection sign

A blue arc flash label with a yellow warning triangle

A green arc flash hazard stamp

8. What normally happens to PPE during an arc flash?

It sounds an alarm

**It is destroyed instead of your skin**

It burns cleanly and without much heat

It shrinks and fits better

9. What would a qualified worker look like with Level 4 PPE on?

**Someone wearing a space suit**

Someone wearing a suit of armor

Someone wearing a scuba diving outfit

Someone getting ready to run outside

10. What will an arc flash label usually have on it?

Panel destination and source current

**PPE level required and flash protection boundary**

Surge protection level and secondary relay boundary

PC3 data on voltage and wattage