KUKA
ASSEMBLY AND TEST

ELECTRICAL SAFETY AWARENESS QUIZ

SAFETY 30

Name: _____ Date: _____

Directions: Circle or briefly write the best answer for each question.

1) True False Circuit breakers compare the amount of current going to and from equipment.

2) True False Low voltages are not dangerous and do not require eye or face protection.

3) True False At 15 mA, you can't let go of the electrical circuit. At 100 mA, ventricular fibrillation occurs.

4) True False If an electrical source ignites flammable gases or vapors, an explosion could result.

5) True False It's OK to use extension cords permanently, as long as they can't get run over or smashed.

6) Which procedure is used to isolate and de-energize sources of potential energy during repair or maintenance of equipment?

   a. Grounding
   b. CPR
   c. Lockout/Tagout
   d. Shielding and guarding

7) Electrical fires can be caused by which of the following?

   a. Improper grounding or wiring
   b. Static electricity
   c. Activation of a circuit protecting device
   d. A and B only
   e. All of the above

8) Safety-related work practices include:

   a. Using non-conductive or insulated tools around electricity
   b. Locking out equipment before conducting repairs
   c. Maintaining a safe approach distance from exposed, energized parts
   d. All of the above

9) Why do electricians work with one hand at their side or in a pocket?

   a. To look cool
   b. To reduce the risk of receiving a shock across the heart
   c. Because electricians' work never requires both hands
   d. All of the above

10) Which of the following is OK to wear while working around electricity?

   a. Metal belt buckle
   b. Polyester or nylon
   c. Type B hard hat
   d. Rings