TO THE POINT ABOUT ARC FLASH PROTECTION
AND SAFE ELECTRICAL WORK PRACTICES
REVIEW QUIZ

Name_____Date_____

The following questions are provided to check how well you understand the information presented during this program.

1. Electricity presents two main hazards: electric shock and exposure to an arc flash.

a. True
b. False

2. Which of the following approach boundaries is not established for shock protection?

a. The Limited Approach Boundary
b. The Arc Flash Boundary
c. The Restricted Approach Boundary

3. It takes approximately 1.2 calories per square centimeter of thermal energy to cause the onset of a _____ burn on unprotected skin.

a. First-degree
b. Second-degree
c. Third-degree

4. Which of the following is not a critical factor when calculating incident energy?

a. The equipment manufacturer
b. The maximum amount of short-circuit current
c. Speed of overcurrent protection

5. To provide an appropriate level of protection, arc rated clothing and protective equipment must be selected to meet or exceed the incident energy level of a potential arc flash at the _____.

a. Outermost boundary
b. Working distance
c. Restricted approach boundary

6. Which PPE category requires arc-rated protection of at least 8 calories per square centimeter in addition to a hard hat, arc rated face shield and arc rated balaclava?

a. PPE category 1
b. PPE category 2
c. PPE category 3
d. PPE category 4

7. What is the most important part of creating an electrically safe working condition?

a. Disconnecting any active loads
b. Determining all possible sources of electrical supply to the equipment
c. Testing to verify there is an absence of voltage

8. When should a voltage test instrument be verified to be working properly?

a. Immediately prior to testing
b. Immediately after testing
c. Both immediately prior to testing and immediately after testing

9. Once the existence of an electrically safe working condition has been verified, shock and arc flash protection are no longer necessary and can be removed.

a. True
b. False

ANSWERS TO THE REVIEW QUESTIONS

1. a
2. b
3. b
4. a
5. b
6. b
7. c
8. c
9. a