



ELECTRICAL SAFETY AWARENESS AND ARC FLASH TRAINING

Name: Abel Torres Date: 10/19/23 Score: 14/15

(Please circle the correct answer)

1. T or F Electricity is the flow of electrons through a conductor.
2. There are three things that affect the severity of electric shock. They are: 1) The path of the current, 2) The amount of current, and what is the third?
 - a. The duration of the current
 - b. The angle of the current
3. T or F It is ok to place electrical tape over frayed wire on a power cord.
4. T or F Only a qualified person may perform electrical installation and maintenance work.
5. Tools and equipment that are electrically powered should be inspected how often?
 - a. Once a week
 - b. Once a month
 - c. Prior to use each day
6. T or F GFCI stands for "Ground Fault Circuit Interrupter".
7. T or F A qualified electrical worker can perform any electrical task they want.
8. T or F Planning for electrical safety includes your company having an Electrical Safety Program.
9. How many fundamental steps to the lockout process?
 - a. 6
 - b. 7
 - c. 8
10. T or F You should use caution to not overload circuits.
11. T or F NFPA 70 E sets the requirements for providing a safe working area.
12. T or F Before working on any piece of electrical equipment one must get it to an electrically safe work condition.
13. A shock risk assessment is done to:
 - a. Identify the shock hazards
 - b. Estimate the likelihood and potential severity of injury and damage to health
 - c. Determine if additional protective measures are required
 - d. All of the above
14. Category 1 PPE for Arc Flash is required when there is a minimum arc rating of how many cal/cm²?
 - a. 4
 - b. 8
 - c. 25
 - d. 50
15. What are the three approach boundaries?
 - a. Restricted, arc flash, and arc blast
 - b. Limited, restricted, and arc flash
 - c. Limited, restricted, and distant

(All questions and answers were reviewed with attendees)