

# Power line worker safety

Instructor: Drew Lindsey	Name
Class: ELT 201	Date
Test #	Results

Carefully read each question, and circle the letter next to the correct answer.

1. The shock boundaries listed from nearest to furthest from energized equipment would be?
  - a. Restricted, limited, prohibited
  - b. Prohibited, restricted, limited
  - c. Limited, restricted, prohibited
  - d. Prohibited, limited, restricted
  
2. Personnel working in an arc flash protection boundary must wear\_\_\_\_\_.
  - a. Boots with a pronounced heel
  - b. Ballistic chaps
  - c. A respirator
  - d. Flame retardant clothing
  
3. To determine the PPE that you should wear in a restricted area, you should?
  - a. Look at the posted warning sign
  - b. Ask a coworker
  - c. Check the OSHA standard
  - d. Contact NFPA

4. Step potential is a difference of potential between \_\_\_\_\_.
  - a. Two ground rods
  - b. The primary and secondary sides of a transformer
  - c. A persons feet
  - d. A vehicle and the ground
  
5. The insulating device used to cover oddly shaped live connections is?
  - a. Rubber blanket
  - b. Ballistic blanket
  - c. Rubber sleeve
  - d. Rubber gut
  
6. Rubber gloves should be inspected \_\_\_\_\_.
  - a. Every six months
  - b. Once a week
  - c. Once a year
  - d. Before each use
  
7. Entry into a confined space begins?
  - a. When the permit is issued
  - b. When you cross the thresh hold
  - c. When work begins
  - d. When all of the workers have been assigned a job
  
8. The gloves that provide the highest level of protection against high voltages are in class?
  - a. 2
  - b. 4
  - c. 0
  - d. 00

9. A voltage between an energized object being touched and the ground is called?

- a. Potential difference
- b. Step potential
- c. Angle of repose
- d. Touch potential

10. Materials that resist combustion are called?

- a. Arc rated
- b. Ballistic
- c. Flame resistant
- d. Protective

11. A shorting cable is an example of?

- a. A temporary grounding device
- b. A fall arrest lanyard
- c. Cover-up
- d. A dielectric boot

12. A conductor or circuit part is considered to be in an electrically safe work condition when \_\_\_\_\_.

- a. It has been disconnected from energized parts
- b. When it has been locked and tagged out
- c. When it has been tested for the absence of voltage
- d. When it has been grounded
- e. All of the above

13. A \_\_\_\_\_ material has very little electrical conductivity.

- a. Conductive
- b. Dielectric
- c. Thermal
- d. Semi conductive.