

10.A: Chapter 9 Review Questions

Complete as directed.

Fill in the Blanks:

1. The approach distance, for unqualified persons, for circuits operating at 50 kV and below is _____ ft.
2. _____ or other means of guarding shall be provided to ensure that workspace for electrical equipment is not used for passageways during the time energized parts are exposed.
3. The requirements for electrical safety are contained in Subpart _____ of the Construction Standards and Subpart _____ of the General Industry Standards.
4. Portable ladders shall have _____ side rails if they are used where the employee or the ladder could contact exposed energized parts.
5. No conductors or equipment shall be installed in a wet or damp location, where exposed to gases, fumes, or vapors that may have deteriorating effect, or where exposed to excessive temperature unless it is _____ for such conditions.

Multiple Choice:

6. When GFCI protection is used, it can be accomplished by the use of which of the following:

- a. _____ Individual GFCI type receptacles.
- b. _____ Receptacles fed through other GFCI type receptacles.
- c. _____ Receptacles protected with a GFCI type circuit breakers.
- d. _____ Cords sets incorporating listed GFCI protection.
- e. _____ Any of the above.

True or False: (Circle the Correct Answer)

7. T or F

Electrical shock is one of the four leading causes of death in the construction industry with electrocutions accounting for 17% of the worker fatalities.

8. T or F

Flexible cords connected to equipment shall not be used for raising or lowering the equipment.

9. T or F

Tags are permitted in lieu of lockout, only if the equipment is not capable of being locked out or if the employer can demonstrate that the tagging procedure will be as effective as the use of the lock.

10. T or F

Control circuit devices, such as pushbutton selector switches, may be used as the sole means for de-energizing circuits or equipment.

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