



WORKPLACE SAFETY

A W A R E N E S S C O U N C I L

Common Electrical Hazards Quiz – Employees Module

Please mark the correct answer below:

1. Cabinets and boxes shall

- a. have openings closed
- b. have covers
- c. if covers are metal they must be grounded
- d. all the above

2. Flexible cords may be used:

- a. in ceilings or walls
- b. as long as attached to building surface
- c. to prevent transmission of noise or vibration
- d. none of the above

3. Flexible cords may not be:

- a. attached to building surfaces
- b. run through walls, ceilings, and floors
- c. run through doorways, windows
- d. all of the above

4. Qualified persons (i.e. those permitted to work on or near exposed energized parts) shall, at a minimum, be trained in and familiar with the following:

- a. ability to distinguish exposed live parts from other parts of electric equipment.
- b. skills necessary to determine the nominal voltage of exposed live parts
- c. clearance distances and the voltages the qualified person will be exposed to
- d. all of the above

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5. Minimum clearance in front of electrical equipment (live parts) shall be no less than:

- a. 12"
- b. 18"
- c. 36"
- d. 48"

6. Which of the following people is approved to work on energized circuits or equipment?

- a. Chief Engineer
- b. an apprentice with at least six months experience
- c. a Qualified person
- d. anybody in an emergency

7. Temperature from an arc flash may reach

- a. 600° F
- b. 5,200° F
- c. 35,000° F
- d. 100,000° F

8. Which of the following is not a hazard when working with electricity?

- a. electric shock
- b. blast
- c. frostbite
- d. arc flash

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9. Which of the following is an approved alerting technique for warning employees of hazards that could result in electrical shock?

- a. safety signs and tags
- b. barricades
- c. attendants
- d. all of the above

10. Extension cords must be visually examined

- a. before use on any shift
- b. once a week
- c. every six months
- d. once per year

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