

## 2008 NEC QUIZ

### Completion

Complete each statement.

1. A(n) \_\_\_\_\_ permanently connected SPDs is intended for installation between the secondary of the service transformer and the line side of the service disconnect overcurrent device.  
NEC \_\_\_\_\_
  
2. The dwelling unit receptacles required by the NEC shall be in addition to:
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_
  - d. \_\_\_\_\_NEC \_\_\_\_\_
  
3. Receptacle outlets \_\_\_\_\_ be required on a wall directly behind a range, counter-mounted cooking unit, or sink.  
NEC \_\_\_\_\_
  
4. The exothermic welding \_\_\_\_\_ is a permitted method of connecting grounding and bonding equipment.  
NEC \_\_\_\_\_
  
5. On a separately derived system, the grounding electrode conductor connection shall be made at the same point where the \_\_\_\_\_ is installed.  
NEC \_\_\_\_\_
  
6. In buildings of multiple occupancy where the metal water piping system installed in a building or for an individual occupancies is metallically isolated from all other occupancies by use of nonmetallic water piping, the metal water piping system for each occupancy shall be permitted to be bonded to the equipment grounding terminal of the panelboard supplying that occupancy. The bonding jumper shall be sized in accordance with Table 250.122, based on the rating of the overcurrent protective device for the \_\_\_\_\_.  
NEC \_\_\_\_\_
  
7. Electrical nonmetallic tubing \_\_\_\_\_ permitted to be run through electrical metallic conduit in spaces used for environmental air.  
NEC \_\_\_\_\_
  
8. In straight pulls of 4AWG and larger conductors that are \_\_\_\_\_, the length of the box shall not be less than eight times the trade size of the largest raceway.  
NEC \_\_\_\_\_
  
9. Handhole enclosures shall be identified for use in \_\_\_\_\_.  
NEC \_\_\_\_\_

Name: \_\_\_\_\_

ID: A

10. Where more than two NM cables containing two or more current-carrying conductors are installed in contact with thermal insulation without maintaining spacing between cables, the allowable ampacity of each conductor shall be adjusted in accordance with \_\_\_\_\_.  
NEC \_\_\_\_\_
11. Article \_\_\_\_\_ covers the use, installation, and construction specification for reinforced thermosetting resin conduit (RTRC) and associated fittings.  
NEC \_\_\_\_\_
12. Wireways shall be constructed and installed so that adequate \_\_\_\_\_ continuity of the complete system is secured.  
NEC \_\_\_\_\_
13. All nonlocking 15- and 20- ampere, 125- and 250-volt receptacles installed in damp locations shall be a listed \_\_\_\_\_.  
NEC \_\_\_\_\_
14. An industrial control panel does not include the \_\_\_\_\_.  
NEC \_\_\_\_\_
15. Older vending machines manufactured or remanufactured prior to January 1, 2005, shall be connected to a(n) \_\_\_\_\_.  
NEC \_\_\_\_\_
16. A motor disconnecting means shall be designed so that it cannot be closed \_\_\_\_\_.  
NEC \_\_\_\_\_
17. Combustible gas detection equipment shall be listed for Class I, Division 1, the appropriate material group, and for the detection of the specific \_\_\_\_\_ to be encountered.  
NEC \_\_\_\_\_
18. In Class 2 Division 1 locations, switches, circuit breakers, motor controllers, and fuses, including pushbuttons, relays, and similar devices shall be provided with identified \_\_\_\_\_ enclosures.  
NEC \_\_\_\_\_
19. Where an agricultural site is supplied by more than one service with any two services located a distance of 150 m (500 ft) or less apart, as measured in a straight line, a(n) \_\_\_\_\_ shall be installed at each of these distribution points denoting the location of each of the other distribution points and the buildings or structures served by each.  
NEC \_\_\_\_\_
20. Where the tubing is readily accessible to other than qualified persons, field-installed skeleton tubing shall be provided with \_\_\_\_\_ or protected by other approved means.  
NEC \_\_\_\_\_

Name: \_\_\_\_\_

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21. A pool is a manufactured or field-constructed equipment designed to contain water on a permanent or semipermanent basis and used for swimming, wading, \_\_\_\_\_, or other purposes.  
NEC \_\_\_\_\_
22. All wet-niche luminaires shall be removable from the water for \_\_\_\_\_, relamping, or other maintenance.  
NEC \_\_\_\_\_
23. Part V of Article 680 does not cover self-contained, portable fountains. Portable fountains shall comply with Parts II and III of \_\_\_\_\_.  
NEC \_\_\_\_\_
24. When fuel cell power systems have both alternating-current (ac) and direct-current (dc) grounding requirements, the dc grounding system shall be bonded to the \_\_\_\_\_.  
NEC \_\_\_\_\_
25. \_\_\_\_\_ shall not originate from the same vertical switchboard section, panelboard enclosure or individual disconnect enclosure as emergency circuits.  
NEC \_\_\_\_\_