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Continuing Education Course #563
NEC
Special Occupancies

1. What is the overall purpose of the National Electrical Code?
 - a. prevent electrical fires
 - b. proper installation of equipment
 - c. prevent personnel safety hazards
 - d. proper use of electrical equipment

2. Which chapter(s) of the NEC generally apply to all electrical installations?
 - a. 1 through 4
 - b. 5 through 7
 - c. 8
 - d. 9

3. A continuous load is one where the maximum current lasts _____.
 - a. 3 hours or more
 - b. infinitely (continuous)
 - c. majority of any given day
 - d. 12 hours or more in a given day

4. What location is one in which flammable gases, flammable liquid-produced vapors, or combustible liquid-produced vapors are or may be in air in sufficient quantities to produce ignitable or explosive mixtures during normal operations?
 - a. Class I, Division 1
 - b. Class I, Division 2
 - c. Class II, Division 1
 - d. Class II, Division 2

5. A Class _____ location deals with combustible dusts.
 - a. I
 - b. II
 - c. III
 - d. zones only

6. What Class and Division location is where dust is present in abnormal operating conditions but is normally insufficient to produce explosive or ignitable, where dust could result from malfunctioning equipment, or dust could interfere with electrical equipment?
 - a. Class I, Division 2
 - b. Class II, Division 2
 - c. Class III, Division 1
 - d. Class III, Division 2

7. Which class deals with fibers/flyings?

- a. Class I
- b. Class II
- c. Class III
- d. zones only

8. What Class I materials group has an MESG>0.75?

- a. A
- b. B
- c. C
- d. D

9. Which Class II Group contains wood dust?

- a. E
- b. F
- c. G
- d. H

10. Dust Tight may be used as a protection technique in what areas?

- a. Class III Only
- b. Any Division 1
- c. Any Division 2
- d. Class II, Division 2 or Class III

11. What is another name for an intrinsically safe (IS) type circuit?

- a. explosion proof
- b. nonincendive
- c. spark proof
- d. sealed

12. If temperature rating is outside the range of _____ to +40°C, the equipment must be marked with the actual ambient temperature.

- a. -25°C
- b. 0°C
- c. 25°C
- d. -40°C

13. IS wiring is often _____ limited.

- a. current
- b. transient
- c. voltage
- d. power

14. What is the designator for an IS circuit in Zone 1?

- a. ia
- b. ib
- c. ic
- d. il

15. What class is an aircraft hangar for new aircraft that have yet to be fueled?

- a. Class 0
- b. Class 1
- c. Class 2
- d. none of the above

16. What does a red receptacle indicate in a hospital?

- a. connection to an alternate source upon power loss
- b. connection to an off-site power source
- c. connection to an on-site power source
- d. connection isolated receptacle

17. Each patient room must have a total of _____ receptacles.

- a. 4
- b. 8
- c. 12
- d. 14

18. Which of the following is NOT an Essential Electrical System branch category?

- a. backup power
- b. critical
- c. equipment
- d. life safety

19. What risk category does "patient discomfort" fall into?

- a. Category 1
- b. Category 2
- c. Category 3
- d. Category 4

20. What is the required rating of the OCPD used in a permanent attraction that draws 1000 VA at 30 V?

- a. 25 A
- b. 40 A
- c. 50 A
- d. 55 A

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