

Mike Holt's

Florida Advanced Code Module

2005 Edition

***1 Hour CEU Requirement for
Electricians***

INSTRUCTIONS: Refer to the 2004 Florida Building Codes when answering the following questions.

Introduction

1. Which of the following does not make up the 2004 FPC?
 - (a) 2003 I-Codes
 - (b) FL Specific
 - (c) 2002 NEC
 - (d) 1999 NEC

Chapter 1 - Administration

2. Detached one and two family dwellings and multiple single-family dwellings now more than 3 stories qualifies as an exception to the provisions of this code.
 - (a) True
 - (b) False
3. Mobile or modular structures used as temporary offices are exempt from the FBC.
 - (a) True
 - (b) False
4. Relocation of an existing manufactured building constitutes an alteration.
 - (a) True
 - (b) False
5. If the existing building was manufactured in compliance with the Standard Building Code prior to _____, the wind speed map of the Standard Building Code shall be applicable.
 - (a) April 1, 2003
 - (b) May 1, 2002
 - (c) March 1, 2002
 - (d) December 31, 2001
6. This section applies to swings and other play-ground equipment accessory to a one or two family dwelling.
 - (a) True
 - (b) False

Chapter 3 Use and Occupancy

7. Which of the following is not one of the 3 factory categories?
 - (a) special purpose
 - (b) moderate-hazard
 - (c) low hazard
 - (d) multi purpose

8. High-Hazard Group H is divided into _____ groups.

- (a) two
- (b) three
- (c) four
- (d) five

9. Restaurants and drinking establishments with an occupant load of less than 40 persons shall be classified as Group M, Mercantile.

- (a) True
- (b) False

10. Incidental use areas must be separated from the remainder of the building with a fire barrier.

- (a) True
- (b) False

11. In incidental use areas doors must be _____ upon detection of smoke.

- (a) automatic-closing
- (b) alarmed
- (c) self-closing
- (d) both a and c are correct

12. Accessory assembly areas are not considered separate occupancies when the floor area is equal to or less than _____ square feet.

- (a) 580
- (b) 650
- (c) 750
- (d) 800

Chapter 4 – Special Detailed Requirements Based on Use and Occupancy

13. All public pools shall be surrounded by a minimum _____ in height fence.

- (a) 36 inch
- (b) 48 inch
- (c) 96 inch
- (d) 84 inch

14. Permanent natural features such as canals or lakes adjacent to a public pool may be permitted as a barrier.

- (a) True
- (b) False

Chapter 5 – Building Height/Area

15. The maximum area of a four-story building is determined by multiplying the allowable area of the first floor by ____.
- (a) 2
 - (b) 3
 - (c) 4
 - (d) 5
16. Group A and E basements used as classrooms or assembly rooms do not have to be counted as a story.
- (a) True
 - (b) False
17. The height of a one-story aircraft hangar shall be limited if surrounded by public ways or yards.
- (a) True
 - (b) False
18. Where a building is equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1, the area limitation is permitted to be increased by an additional ____ percent for multistory buildings.
- (a) 300
 - (b) 200
 - (c) 100
 - (d) 50
19. 507.8 allows one-story motion picture theaters to be unlimited in area if ____.
- (a) surrounded by public ways or yards 60 ft. in width
 - (b) exterior walls made with non combustibile materials
 - (c) fully sprinkled
 - (d) both a and c are correct

Chapter 6 – Type of Construction

20. Buildings and structures erected or to be erected, altered or extended in height or area shall be classified in on of the ____ construction types defined in Sections 602.2 through 602.5.
- (a) four
 - (b) three
 - (c) six
 - (d) five
21. Fire-resistive ratings are provided in ____.
- (a) minutes
 - (b) seconds
 - (c) hours
 - (d) temperature

22. In Type III construction, fire retardant-treated wood framing is permitted within exterior wall assemblies of a _____-hour rating or less.

- (a) one
- (b) two
- (c) three
- (d) four

Chapter 7 – Fire-Resistance-Rated Construction

23. ASTM E _____, is a test that evaluates the ability of an assembly to meet structural integrity and fire containment criteria.

- (a) 119
- (b) 105
- (c) 120
- (d) 115

24. Each portion of a building separated by _____ fire walls that comply with the provisions of Section 705 shall be considered a separate building.

- (a) 1
- (b) 2
- (c) 3
- (d) all of the above

Chapter 8 – Interior Finishes

25. In vertical exits of buildings less than three stories in height of other than Group I-3, _____ interior finish shall be permitted for unsprinklered buildings.

- (a) Class A
- (b) Class B
- (c) Class C
- (d) both b and c

26. _____ interior finish materials shall be permitted in places of assembly with an occupant load of 300 persons or less.

- (a) Class A
- (b) Class B
- (c) Class C
- (d) both b and c

27. Class C interior finishes shall be permitted in rooms with a capacity of four persons or less.

- (a) True
- (b) False

Chapter 9 – Fire Protection Systems

28. Any building which is of two stories or more in height shall be equipped with an approved automatic sprinkler system installed in accordance with 903.1.

- (a) True
- (b) False

29. High-rise buildings shall be protected throughout by a Class _____ standpipe system.

- (a) I
- (b) II
- (c) III
- (d) IV

Chapter 10 – Means of Egress

30. Means of egress shall be maintained in accordance with the _____.

- (a) National Fire Protection Agency
- (b) 2004 Florida Building Code
- (c) Florida Fire Prevention Code
- (d) National Electrical Code

31. The means of egress shall have a ceiling height of not less than _____.

- (a) 7 feet 4 inches
- (b) 7 feet 6 inches
- (c) 7 feet 8 inches
- (d) 7 feet 10 inches

Chapter 14 – Exterior Walls

32. Sectional related to protection against _____ and flood resistance were added to reflect Florida specific requirements.

- (a) hurricane
- (b) termite
- (c) storm
- (d) heat

Chapter 20 – Light Metal Alloys

33. The use of aluminum alloys not listed in the Aluminum Design Manual shall not be permitted.

- (a) True
- (b) False

Chapter 27 – Electrical

34. Electrical components, equipment and systems shall be designed and constructed in accordance with the provisions of the NFPA 70, NEC, except Article _____.

- (a) 80
- (b) 90
- (c) 110
- (d) 250

Chapter 31 – Special Construction

35. A _____ is comprised of a lightweight rigid or removable skeleton structure over which an approved cover is attached.

- (a) awning
- (b) canopy
- (c) roof
- (d) shutter