

Course Quiz: Advanced Course on the Significant Changes in Florida Building Code 7th Edition

1. A local enforcement agency may close a building permit _____ after the issuance of the permit, even in the absence of a final inspection, if the local enforcement agency determines that no apparent safety hazard exists.
 - a. 1 year
 - b. 3 years
 - c. 4 years
 - d. 6 years**

2. The construction documents of an elevated walking surface exposed to water from direct or blowing rain, where the structural framing is protected by an impervious moisture barrier, shall include:
 - a. details for all elements of the impervious moisture barrier system
 - b. manufacturer's installation instructions
 - c. general height information and area limitations only
 - d. a and b**

3. Accessory components may be used to:
 - a. provide lateral bracing of the pedestals
 - b. provide vertical support
 - c. restrain the pedestrian deck panels or pavers to the top of the pedestal
 - d. all of the above**

4. According to FBC definitions, a self-contained gas detection and alarm device is not classified as a gas detection system
 - a. True**
 - b. False

5. Assembly occupancies shall be permitted on roofs of open parking garages of _____ construction, in accordance with the exception to Section 903.2.1.6.
 - a. Type I
 - b. Type II
 - c. Type IV
 - d. a or b**

6. Elements or structures enclosing occupied roof areas shall not extend more than _____ inches above the surface of the occupied roof.

- a. 36
 - b. 48**
 - c. 60
 - d. 72
7. Where fuel-fired equipment is installed in an unsprinklered attic, how many quick response intermediate temperature sprinklers shall be installed above the equipment?
- a. at least one**
 - b. at most one
 - c. at least two
 - d. none of the above
8. According to Section 915, an operational carbon monoxide alarm shall be installed within _____ of each room used for sleeping purposes in the new building or addition.
- a. 5 feet
 - b. 10 feet**
 - c. 12 feet
 - d. 15 feet
9. For flammable gases, a gas detection alarm shall be initiated for a gas concentration exceeding _____ percent of the lower flammability limit (LFL).
- a. 10
 - b. 15
 - c. 25**
 - d. 49
10. According to Section 1710, where the wood shim or buck thickness is 1^{1/2} inches (38 mm) or greater, window and door assemblies shall be anchored through the main frame or by jamb clip or subframe system, in accordance with the manufacturer's published installation instructions.
- a. True
 - b. False**
11. Fuel lines supplying a generator set inside a high-rise building shall be separated from areas of the building other than the room the generator is located in by an approved method, or an assembly that has a fire-resistance rating of not less than:
- a. 1 hour
 - b. 2 hours**
 - c. 3 hours
 - d. 4 hours

12. In Section 2702, which of the following methods is suggested with regards to protecting required critical circuits?
- a. Electrical circuit protective systems having a fire-resistance rating of not less than 1 hour.
 - b. Construction having a fire-resistance rating of not less than 1 hour.
 - c. Cables, used for survivability of required critical circuits, that are listed in accordance with UL 2196 and have a fire-resistance rating of not less than 1 hour.
 - d. all of the above**
13. Which of the following statements regarding exterior elevated flooring systems is incorrect?
- a. Pedestals may be adjustable or a fixed height.
 - b. Exterior elevated flooring systems comprised of the pedestrian deck panels or pavers and pedestals shall be restrained on all sides and along any ramps and walkway areas against horizontal and vertical movement using a perimeter-restraining system.
 - c. The pedestals must be mechanically or adhesively attached to the supporting structure.**
 - d. none of the above
14. Where analysis of panels or pavers is not consistent with codified material design procedures, testing for uniform load and concentrated load capacities shall be performed in accordance with ASTM E2322 and Cisca Recommended Test Procedures for Access Floors, achieving a load capacity _____ the uniform load capacity designated in the specifications.
- a. less than
 - b. equal to
 - c. two times
 - d. three times**
15. Load effects on structural members and their connections that provide support for independent exterior elevated flooring systems shall be determined by methods of structural analysis that take into account equilibrium, general stability, geometric compatibility and both short and long-term material properties.
- a. True**
 - b. False