

1. What role do ordinances play in the adoption of national model building and fire codes and standards? (259)
2. What is the term used to describe the set of requirements in model codes? (260)
3. What are consensus standards? (261)
4. Types of building construction are differentiated by the type of construction materials and: (264)
5. Which construction type provides the highest level of protection against structural collapse? (264)
6. What does vinyl siding contribute to the structural fire load in Type V construction? (267)
7. According to an NFPA analysis of fires in residential occupancies, what has contributed to the reduction in fire loss in manufactured homes since 1980? (269)
8. What distinguishes modular homes from other factory-built structures? (269)
9. Occupancy classifications are determined based on _____, number of occupants, and egress limitations. (270)
10. What type of occupancy is used for the gathering of 50 or more persons? (270)
11. What are the three subdivisions of industrial occupancies according to NFPA? (272)
12. What does the term "mixed occupancy" refer to? (275)
13. In the case of buildings with multiple-use occupancies, what does NFPA 101®, Life Safety Code® recommend regarding meeting code requirements? (276)
14. In the context of incidental-use areas, which of the following is a requirement for doors leading into these areas? (277)
15. In the context of incidental-use areas, which of the following is a requirement for doors leading into these areas? (279)
16. What is essential for a water supply in an automatic sprinkler system? (280)
17. The occupancy classification and the _____ determine the minimum water flow required for an automatic sprinkler system (280)

18. What does the appearance of isolated flames within the hot gas layer sometimes indicate? (284)
19. What is flashover in the context of fire development? (287)
20. In a ventilation-limited fire, what can happen when a new source of oxygen is introduced? (290)
21. What are the three mechanisms by which heat can transfer from one object to another? (291)
22. How does an open floor plan space potentially contribute to fire spread? (303)
23. What contributes to the spread of fire and smoke in open-plan commercial structures, such as warehouse-style stores? (304)
24. What is the most effective means of establishing awareness of hazards in commercial, industrial, and storage facilities with large fuel loads? (305)
25. Why might a soft or sagging roof not be considered the only sign of imminent collapse in a modern home with engineered joists? (306)