

Test Your Knowledge



From the well-known blog idighardware.com, Lori Greene brings some much-needed clarity to codes.

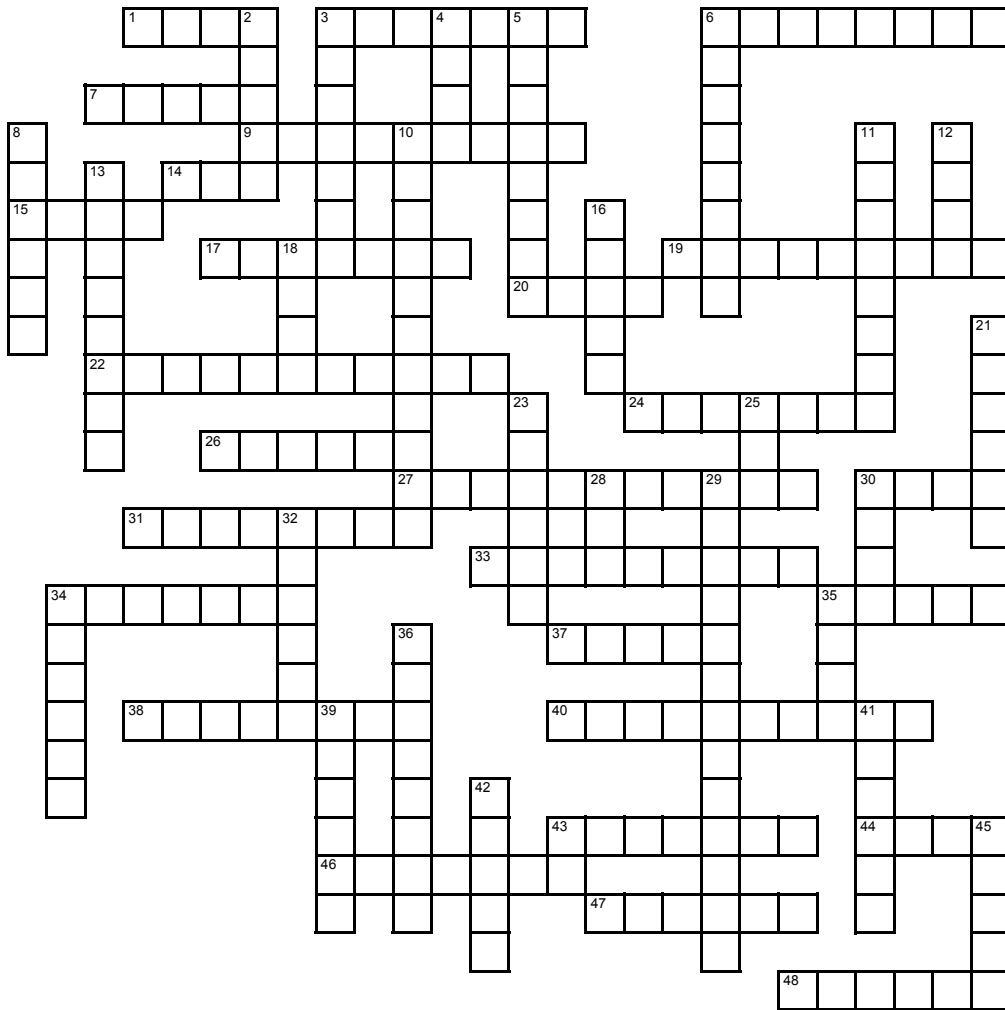
BY LORI GREENE, AHC/CDC, CCPR, FDHI


ACROSS

1. NFPA 80 limits the clearance at the head, jambs, and meeting stiles of a _____ fire door to 1/8".
3. The 2010 ADA requires an automatic door to have the same maneuvering clearance as a manual door unless the operator has _____ power.
6. The IBC does not allow delayed egress locks to be used in _____, Educational, or High Hazard occupancies.
7. NFPA 80 requires the base material for hinges to be _____, unless otherwise tested and listed.
9. A door with a closer and a hold-open released by the fire alarm system is considered _____-closing.
14. Signage stating "This door to remain unlocked when building is occupied" is required when _____-operated locks are installed.
15. The Fair Housing Act applies to multi-family buildings with _____ or more dwelling units.
17. In the IBC and NFPA 101, fire door assemblies are called _____ protectives.
19. In NFPA 101, a multiple occupancy in which two or more occupancy types are separated by fire-resistance-rated construction is a _____ occupancy.
20. A door with a door closer and no hold-open is considered _____-closing.
22. NFPA 101 now requires annual inspections of some egress doors in Assembly, _____, Day Care, and Residential Board and Care occupancies.
24. _____ warning on hardware leading to hazardous areas is not required by the ADA or ICC A117.1 accessibility standards.
26. The portion of the exit access traveled before two distinct paths of egress become available is called the _____ path of travel.
27. A _____ is required for pairs of fire doors with automatic flush bolts.
30. Panic hardware is required for rooms containing electrical equipment with 800 _____ or more per the 2014 edition of NFPA 70.
31. According to NFPA 101 and the IBC, certain units in hospitals and nursing homes may now lock their egress doors using a _____ lock if the applicable requirements are met.
33. The portion of a means of egress between the end of the exit and the public way is called the exit _____.
34. Kick plates mounted in the bottom _____ inches of fire doors do not require a label.
35. NFPA 101 requires all exits, including stairways and doors, in Educational and Day Care occupancies to be inspected _____ by principals, teachers, or staff to ensure that they are in proper condition.
37. NFPA 105 is the standard for _____ doors.
38. The IBC now requires luminous egress path markings for doors leading out of an exit enclosure in many _____ buildings.
40. NFPA 101 requires panic hardware for Assembly, Educational, and Day Care occupancies with an occupant load of _____ or more.
43. Egress doors must _____ with one operation.
44. The actuating portion of panic hardware must extend across at least _____ the width of the door.
46. UL 294 is a certification for access _____ system components.
47. An additional hinge is required for each _____ inches of height on a fire door.
48. The accessibility standards require doors to close from _____ degrees to 12 degrees in a minimum of five seconds.

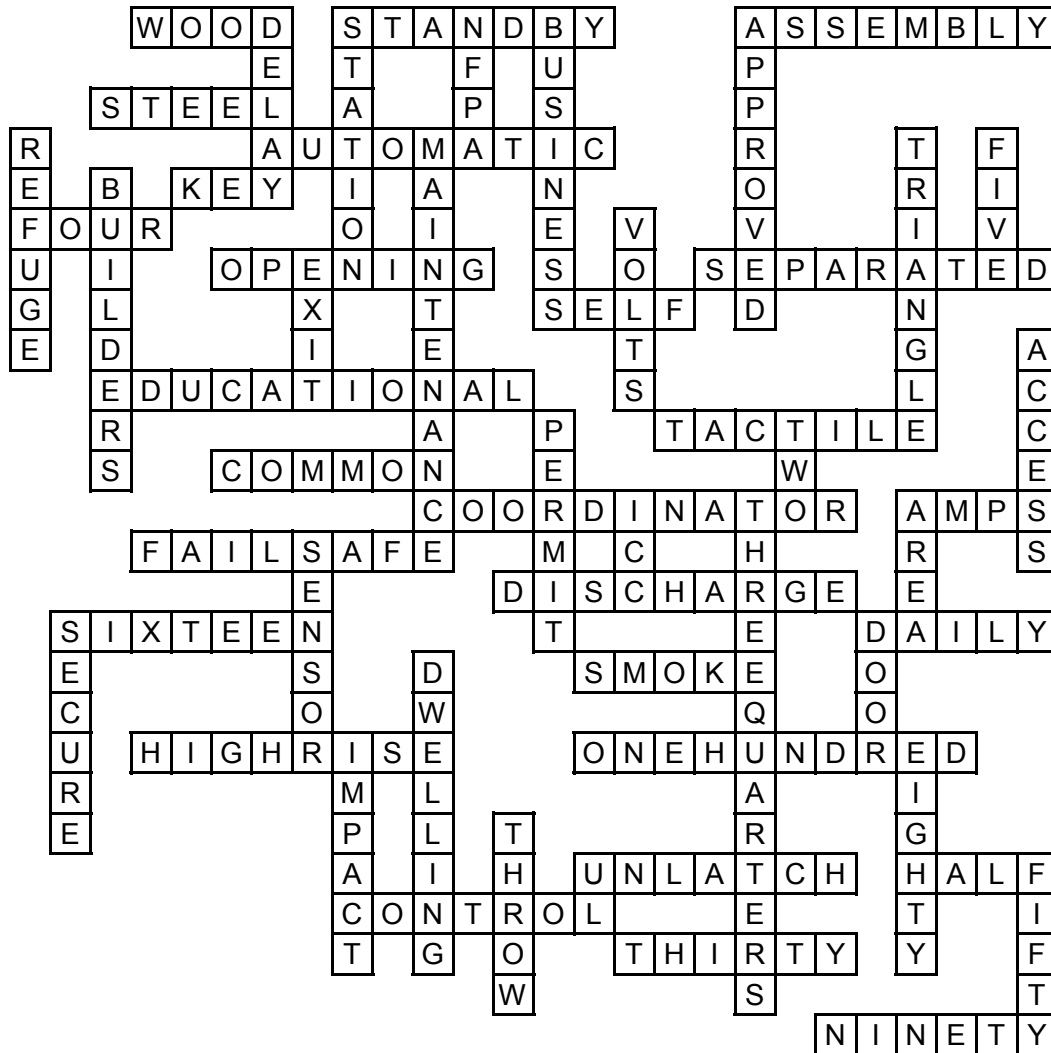
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2. Deficiencies found during a fire door inspection must be repaired without _____.
3. In 2003, 100 people were killed in a tragic fire at the _____ Nightclub in Rhode Island.
4. The _____ develops and publishes more than 300 consensus codes and standards.



5. A doctor's office would be considered a _____ occupancy.
6. _____ means acceptable to the Authority Having Jurisdiction.
8. A horizontal exit leads to an area of _____.
10. According to the 2013 edition of NFPA 80, fire door assemblies must be inspected annually, and also upon installation and _____.
11. In 1911, 146 workers were killed in the _____ Shirtwaist Factory fire.
12. An interior, non-fire-rated door is required to open with a maximum of _____ pounds of force.
13. Chapter 6 of NFPA 80 contains the requirements for Swinging Doors with _____ Hardware.
16. According to NFPA 70, panic hardware is required for rooms containing electrical equipment with 600 _____ or more.
18. A stairwell enclosed by fire-resistance-rated construction and opening protectives to provide a protected path of egress travel is an _____.
21. The exit _____ leads from an occupied portion of a building to an exit.
23. Most access control work will require a _____ from the AHJ.
25. For both egress and accessibility, the minimum clear opening width required for most doors is thirty-_____ inches.
28. The IBC, IFC, and A117.1 are publications of the _____.
29. The clearance at the bottom of a fire door is limited to _____ of an inch.
30. To calculate the occupant load of a space, you must divide the _____ by the occupant load factor.
32. In the 2015 IBC, the section called Access Controlled Egress Doors has been changed to _____ Release of Electrically Locked Egress Doors.
34. An electric strike used on a fire door assembly must be fail-_____.
35. In the IBC (2009 and later), an Electromagnetically Locked Egress Door has a mag-lock that is released by _____-mounted hardware.
36. Residential _____ units with an occupant load of 10 or fewer may typically have separate locks that require two operations to unlatch.
39. Glazing used in doors and sidelites, including fire door assemblies, is now required by the IBC to be _____-resistant.
41. The clear opening height of a door is typically required to be a minimum of _____ inches.
42. The minimum _____ of a latch bolt for a fire door is shown on the fire door label.
43. The test used to measure air/smoke infiltration is _____ 1784.
45. According to the 2006 edition of the IBC and subsequent editions, panic hardware is required for Assembly and Educational occupancies with an occupant load of _____ or more. 

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