

1301:7-7-09 Fire protection and life safety systems.

Chapter 9 of the International Fire Code, 2021 edition, as incorporated by reference and modified in Section 101.1.1 of this code, is further modified as follows:

1. **Modify section 901.1 Scope as follows:**

At the end of the section after “life safety systems.” insert “*The requirements in this chapter for fire protection systems in structures regulated by the building code submitted for plan review in accordance with this section are subject to and do not supersede or otherwise conflict with the requirements of Section 104.2.1.*”.

2. **Modify section 901.2 Construction documents as follows:**

At the beginning of the first sentence delete “The” and insert “*Notwithstanding the requirements of Section 104.2.1, the*”.

Delete “issued” and insert “*obtained*”.

In the last sentence delete “and approval”.

At the end of the section after “for review.” (which will be the end of the last sentence after the above deletion) insert “*At locations or in structures not regulated by the building code, the construction documents shall be reviewed and approved by the fire code official prior to system installation.*”.

3. **Modify section 901.2.1 Statement of compliance as follows:**

After “Before requesting final” delete “approval” and insert “*inspection*”.

Delete “approved plans” and insert “*plans approved by the building code official*”.

4. **Modify section 901.3 Permits as follows:**

Delete “Sections 105.5 and 105.6” and insert “*Chapter 1 and as required by the building code*”.

5. **Modify section 901.4 Fire protection and life safety systems as follows:**

Delete “International Building Code” and insert “*building code*”.

6. **Modify section 901.4.1 Required fire protection and life safety systems as follows:**

Delete “International Building Code” and insert “*building code*” at all occurrences (2).

7. **Modify section 901.4.2 Nonrequired fire protection and life safety systems as follows:**

Delete “International Building Code” and insert “*building code*” at all occurrences (2).

8. **Modify section 901.4.3 Alterations in buildings and structures as follows:**

Delete “International Building Code” and insert “*building code*”.

9. **Modify section 901.4.4 Fire areas as follows:**

Note: for copyright claim information, please see the notice on the last page of this rule.

Delete “International Building Code” and insert “*building code*” at all occurrences (3).

10. **Add section 901.4.4.1** as follows:

901.4.4.1 Fire area calculations for certain agricultural facilities with an attached covered patio. *As specified in division (G) of section 3737.83 of the Revised Code, for buildings and structures incident to the agricultural purposes of the land and determined to be exempt from the rules of the board of building standards pursuant to division (B)(1) of section 3781.06 or section 3781.061 of the Revised Code, the occupant load of a covered patio and its area are not to be included in the fire area calculation of the building for the determination of sprinkler thresholds, if all the following apply:*

- 1. The building or structure would be classified as an assembly occupancy under this code or the building code if the exemptions described in section 3781.06 or section 3781.061 of the Revised Code did not apply to the building or structure;*
- 2. The covered patio is either:*
 - 2.1 Completely open to the atmosphere without enclosing walls on at least three sides all year with accessible means of egress on each open side;*
 - 2.2 Completely open to the atmosphere without enclosing walls on two sides all year with accessible means of egress on each open side, but only if no point in the covered patio area is more than twenty feet from an accessible means of egress and not more than fifty percent of the perimeter of the covered patio area is enclosed by walls;*
- 3. The occupant load of the covered patio does not exceed 100 occupants;*
- 4. The floor area of the covered patio is at the level of exit discharge; and*
- 5. If the patio is constructed on or after September 28, 2025, the horizontal assembly or roof and columns are constructed of materials that are non-combustible, limited-combustible, or fire-retardant treated wood.*

11. **Modify section 901.5 Installation acceptance testing** as follows:

At the end of the first sentence after “the fire code official” insert “in accordance with this code and the building official in accordance with Section 901.5 of the building code”.

Move the second sentence, beginning “The fire code official” to a subparagraph and insert “1.” before it.

In that same sentence:

After “be notified” delete “before” and insert “by the responsible person of”.

Delete “required” and insert “scheduled”.

After “acceptance testing” insert “of a fire protection system not less than forty-eight hours prior to the occurrence of such acceptance test. Advanced notice of the test schedule shall be given to the building official in accordance with Section 901.5 of the building code.”.

Add subparagraphs 2 and 3 as follows:

“2. When required by the fire code official all acceptance testing shall be conducted in the presence of the fire code official.

3. When required by the fire code official all acceptance testing shall be conducted in the presence of the person who installed the equipment or, if it is not possible for the actual installer to be present, the acceptance testing shall be conducted in the presence of another qualified representative of the company that installed the equipment.”

12. Modify section 901.5.1 Occupancy as follows:

After “have been tested” insert “, inspected”.

After “and approved” insert “by the fire code official in accordance with this code and the building official in accordance with Section 901.5 of the building code”.

13. Modify section 901.6 Inspection, testing and maintenance as follows:

At the end of the section after “Section 901.8.” insert “Any discontinuance or removal of nonrequired fire protection equipment shall be approved by the fire code official. Such approval shall be conditioned upon receipt of verification of building official determination that such fire protection equipment is nonrequired.”.

14. Modify section 901.6.3.1 Records information as follows:

In the first sentence before “manufacturer of the components” insert “the”.

At the end of the section after “life of the installation.” insert “Acceptance testing records (original documents) shall be retained for the life of the system.”.

15. Add sections 901.6.4 and 904.6.4.1 as follows:

901.6.4 Annual inspection tag for fire protection systems. An inspection tag shall be attached to each fire protection system near the main control valve, main panel, or other such appropriate and visible location as determined by the fire code official. The annual inspection tag shall contain the following information:

1. The individual performing the work and the state fire marshal installer certification number(s) (when applicable);
2. Date of test;

3. Results of inspection and test;
4. Deficiencies or impairments noted (yes or no).

901.6.4.1 When a sprinkler or standpipe system is found impaired or out of service, the tag requirement shall include an impairment tag in accordance with NFPA 25.

16. **Add section 901.8.3 as follows:**

901.8.3 Notification of termination of supervisory services. The responsible person shall notify the local fire code official of the termination of any supervisory service within twenty-four (24) hours of such termination.

17. **Modify section 903.1.1 Alternative protection as follows:**

After “Section 904” delete all text through and including “permitted” and insert “may be installed”.

At the end of the section after “fire code official” insert “pursuant to Section 901.1. At locations or in structures not regulated by the building code, the alternative automatic fire-extinguishing system shall be approved by the fire code official prior to system installation”.

18. **Modify section 903.2 Where required and its Exception as follows:**

After “in the locations” insert “where required by the building code official and as”.

After “903.2.12” insert “The requirements for automatic sprinkler systems in new buildings contained in this chapter are subject to and do not supersede or otherwise conflict with the requirements of Section 104.2.1.”.

In the exception delete “International Building Code” and insert “building code” at all occurrences (2).

19. **Modify section 903.2.1 Group A as follows:**

At the beginning of the paragraph delete “An” and insert “Except for covered patio areas at agricultural structures subject to Section 901.4.4.1, an”.

20. **Modify section 903.2.1.3 Group A-3 as follows:**

Add an exception after/to subparagraph 1 as follows:

“Exception: Fire areas used exclusively for religious worship services with fixed seating.”

Add exceptions after/to subparagraph 2 as follows:

“Exceptions:

1. Fire areas used primarily for worship with fixed seating.
2. Fire areas without fixed seating not used for exhibition or display.

Add and exception after/to subparagraph 3 as follows:

“Exception: Areas used exclusively as participant sports areas where the main floor area is located at the same level as the level of exit discharge of the main entrance and exit.”

21. **Modify section 903.2.1.4 Group A-4** as follows:

Add an exception after/to subparagraph 3 as follows:

“Exception: Areas used exclusively as participant sport areas where the main floor area is located at the same level as the level of exit discharge of the main entrance and exit.”

22. **Modify section 903.2.3 Group E** as follows:

In subparagraph 1 delete “12,000” and insert “20,000”.

In subparagraph 1 delete “1115” and insert “1858”.

Add subparagraph 4 and an exception to it as follows:

“4. Throughout every portion of Group E day care facilities – 2½ years or less of age.

Exception: An automatic sprinkler system is not required in day care facilities that provide care for more than five but no more than 100 children 2½ years or less of age and the day care facilities are at the level of exit discharge and where every room where care is provided has no fewer than one exterior exit door for which the exit access and exit discharge do not require the traversing of stairs.”

23. **Modify section 903.2.5.2 Group H-5 occupancies** as follows:

Delete “International Building Code” and insert “building code”.

24. **Modify section 903.2.6 Group I** as follows:

Add exception 4 as follows:

“4. An automatic sprinkler system is not required in day care facilities that provide care for more than five but no more than 100 children 2½ years or less of age and the day care facilities are at the level of exit discharge and where every room where care is provided has no fewer than one exterior exit door for which the exit access and exit discharge do not require the traversing of stairs.”

25. **Modify section 903.2.8 Group R** as follows:

Add an exception as follows:

“Exception: Group R-2. An automatic sprinkler system is not required in buildings of Group R-2 permitted to have a single exit per Section 1006.3.2 of the building code where:

1. The building is not used as an “SRO” occupancy as defined in Chapter 2, and

2. The exit is constructed as an exterior stair per Section 1027 of the building code, and
 3. The dwelling units egress directly into an exit, and,
 4. Two-hour fire barriers divide the building into fire areas with a maximum of two dwelling units per floor and not more than six dwelling units per fire area, and
 5. All dwelling units in the fire area must have separations as required by Section 708.1 of the building code for dwelling units, and
 6. The building is limited to a basement and two stories above grade plane, and
 7. The building contains no more than four dwelling units per floor and no more than twelve dwelling units per building.”
26. **Modify section 903.2.9.1 Repair garages as follows:**
Delete “International Building Code” and insert “building code”.
27. **Modify section 903.2.10 Group S-2 parking garages (subparagraphs) as follows:**
Delete “International Building Code” and insert “building code” at all occurrences (3).
28. **Modify section 903.2.11.4 Ducts conveying hazardous exhausts as follows:**
Delete “International Mechanical Code” and insert “mechanical code”.
29. **Modify Table 903.2.11.6 Additional required fire-protection systems as follows:**
Add a row to the end of the table and in the first column insert “The building code” and in the second column insert “Sprinkler system requirements as set for in Section 903.2.11.6 of the building code”.
30. **Modify section 903.3.1.1.1 Exempt locations as follows:**
At the end of subparagraph 2 after “fire code official” insert “pursuant to Section 901.1. At locations or in structures not regulated by the building code, the exempt location shall be approved by the fire code official prior to system installation”.

In subparagraph 6 delete “International Building Code” and insert “building code”.
31. **Modify section 903.3.1.2 NFPA 13R sprinkler systems as follows:**
Delete “International Building Code” and insert “building code”.
32. **Modify section 903.3.1.2.1 Balconies and decks, subparagraph 2 as follows:**
Delete “International Building Code” and insert “building code”.
33. **Modify section 903.3.1.2.3 Attics, subparagraphs (3, 3.3 and 4.4) as follows:**

Delete “International Building Code” and insert “*building code*” at all occurrences (3).

34. **Modify section 903.3.1.3 NFPA 13D sprinkler systems** as follows:

Delete “one- and two-family dwellings; Group R-3; Group R-4, Condition 1;” and insert “*buildings of Groups I-1, R-3, Group R-4 Condition 1*”.

35. **Modify section 903.3.2 Quick-response and residential sprinklers** as follows:

Delete “International Building Code” and insert “*building code*” at all occurrences (2).

36. **Modify section 903.3.5 Water supplies** as follows:

Delete “International Plumbing Code” and insert “*plumbing code*”.

37. **Add section 903.3.7.1** as follows:

“903.3.7.1 Locking fire department connection (“FDC”) caps. Where required by the fire code official and the responding fire department carries appropriate key wrenches for removal, locking “FDC” caps on fire department connections for water-based fire protection systems shall be provided.”

38. **Modify section 903.3.8.1 Number of sprinklers** as follows:

Delete “six” and insert “*nineteen*”.

39. **Modify section 903.4 Sprinkler system supervision and alarms** as follows:

Add exceptions 9 and 10 as follows:

9. Backflow prevention assembly water supply control valves that are locked in the open position.

10. With the approval of the authority having jurisdiction, remote valves located in a secure unoccupied pit or vault locked in the open position.

40. **Modify section 903.4.1 Monitoring** as follows:

After “fire code official” insert “*pursuant to Section 901.1*”.

At the end of the paragraph after “constantly attended location.” insert “At locations or in structures not regulated by the building code, the constantly attended location shall be approved by the fire code official prior to system installation.”.

41. **Modify section 903.4.2 Alarms** as follows:

Add an exception as follows: “**Exception:** *Waterflow alarms are not required for limited area sprinkler systems installed in accordance with Section 903.3.8.*”

42. **Modify section 904.2 Where permitted** as follows:

At the end of the sentence after “fire code official” insert “pursuant to Section 901.1. At locations or in structures not regulated by the building code, the alternative automatic fire-extinguishing system shall be approved by the fire code official prior to system installation”.

43. **Add section 904.3.5.1** follows:

“904.3.5.1 Signs. Where a fire alarm system is not installed, an approved sign shall be installed adjacent to the audible alarm or visual indicator for the automatic fire-extinguishing system that reads: “WHEN ALARM SOUNDS – CALL FIRE DEPARTMENT.”

44. **Modify section 904.5.2 Fusible link maintenance** as follows:

After “be maintained” insert “in accordance with NFPA 17A”.

45. **Modify section 904.11.1.3 Water supply protection** as follows:

Delete “International Plumbing Code” and insert “plumbing code”.

46. **Modify section 904.13 Commercial cooking systems, Exception** as follows:

Delete “International Mechanical Code” and insert “mechanical code”.

After the exception add a new paragraph as follows: “Automatic fire-extinguishing systems shall be inspected and maintained in accordance with NFPA 96 as applicable.”

47. **Modify section 904.14 Domestic cooking facilities** as follows:

Delete “International Building Code” and insert “building code” at all occurrences (3).

48. **Modify section 905.3 Required installations** as follows:

After the first sentence after “905.3.8.” insert “Where such systems are installed, the hose connections shall be installed in the locations indicated in Sections 905.4, 905.5 and 905.6.”.

49. **Modify section 905.3.1 Height** as follows:

Add exceptions 7 and 8 as follows:

“7. Class I manual standpipes are allowed in open parking garages where the highest floor is located not more than 150 feet (45 720 mm) above the lowest level of fire department vehicle access.

8. Class I manual dry standpipes are allowed in open parking garages that are subject to freezing temperatures, provided that the hose connections are located as required for Class II standpipes in accordance with Section 905.5.”

50. **Modify section 905.4 Location of Class I standpipe hose connections, subparagraph 1** as follows:

After “fire code official” insert “and in accordance with the building code”.

51. **Modify section 905.5.3 Class II systems 1-inch hose** as follows:

After “fire code official” insert “pursuant to Section 901.1. At locations or in structures not regulated by the building code, the 1-inch (25 mm) hose shall be approved by the fire code official prior to system installation”.

52. **Modify section 905.9 Valve supervision, Exception 1** as follows:

After “roadway boxes” insert “provided by the municipality or public utility”.

53. Modify section 906.1 Where required as follows:

In subparagraph 1, Exception 3 after “In storage areas of Group S occupancies” insert “where the building or area is equipped throughout with an automatic sprinkler system and”.

In subparagraph 2 delete “equipment” and insert “appliances” at all occurrences (2).

In subparagraph 2 delete “I-2, Condition 1” and insert “Group I-2 nursing homes”.

In subparagraph 6 after “fire code official” insert “and in accordance with the building code”.

54. Modify section 906.5 Conspicuous location as follows:

After “fire code official determines” insert “and in accordance with the building code”.

55. Modify section 907.1 General as follows:

After the second sentence after “new buildings and structures.” insert “The requirements for fire alarm and detection systems in new buildings contained in this chapter are subject to and do not supersede or otherwise conflict with the requirements of Section 104.2.1. At locations or in structures not regulated by the building code, the fire alarm and detection system shall be approved by the fire code official prior to system installation.”.

56. Modify section 907.1.1 Construction documents as follows:

Delete “International Building Code” and insert “building code”.

At the end of the section after “fire code official” insert “and in accordance with the building code”.

57. Modify section 907.2 Where required-new buildings and structures, Exception 2 as follows:

After “fire code official” insert “and in accordance with the building code”.

After “sprinkler system impairment event.” insert “The fire code official shall provide notice to the building official when the manual fire alarm box is required.”.

58. Modify section 907.2.1 Group A as follows:

Delete “International Building Code” and insert “building code”.

59. Modify section 907.2.1.1 System initiation in Group A occupancies with an occupant load of 1,000 or more as follows:

Delete “occu-pant” and insert “occupant”.

60. Modify section 907.2.6 Group I, Exception 2 as follows:

After “fire code official” insert “and in accordance with the building code”.

61. **Modify section 907.2.6.2 Group I-2 as follows:**
Delete “International Building Code” and insert “building code” at all occurrences (2).
62. **Modify section 907.2.6.3.2.1 Manual fire alarms boxes in detainee areas as follows:**
In the title, delete “alarms” and insert “alarm”.
63. **Modify section 907.2.6.3.3 Automatic smoke detection system, Exception 2 as follows:**
Delete “International Building Code” and insert “building code”.
64. **Modify section 907.2.7 Group M, Exception 1 as follows:**
Delete “International Building Code” and insert “building code”.
65. **Modify section 907.2.9.3 Group R-2 college and university buildings as follows:**
After “Group R-2 occupancies” insert “owned or”.
66. **Modify section 907.2.11.6 Power source, Exception as follows:**
Delete “603” and insert “1203”.
67. **Modify section 907.2.13 High-rise building, Exceptions as follows:**
Delete “International Building Code” and insert “building code” at all occurrences (5).
68. **Modify section 907.2.18 Underground buildings with smoke control systems as follows:**
Delete “International Building Code” and insert “building code”.
69. **Modify section 907.2.21 Residential aircraft hangars as follows:**
Delete “International Building Code” and insert “building code”.
70. **Modify section 907.3.1 Duct smoke detectors as follows:**
Delete “International Mechanical Code” and insert “mechanical code”.
71. **Modify section 907.4.2.5 Protective covers as follows:**
After “protection from physical damage” insert “and in accordance with the building code”.
72. **Modify section 907.5.2 Alarm notification appliances as follows:**
After the last sentence after “for their purpose.” insert “Audible and visual alarm notification appliances shall be located and installed in accordance with this section, accessibility requirements as set forth in Chapter 11 of the building code and NFPA 72.”.
73. **Modify section 907.5.2.1 Audible alarms, Exception 3 as follows:**
Delete “International Building Code” and insert “building code”.
74. **Modify section 907.5.2.2.3 Alternative uses by adding an exception as follows:**

“Exception: When the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1, the building has a single manual fire alarm pull station located in a normally occupied and secured area, and the fire alarm system provides initiating device identification and annunciation in accordance with Section 907.6.3, other high priority urgent emergency messages relating to the safety and security of the building occupants are permitted to take precedence over a fire alarm message when consistent with message priority levels and broadcasts previously established in a building-specific, emergency response plan developed by the building owners, administrators, and first responders, and such plan is approved by the building and fire code officials. No such system shall disconnect or terminate the process to notify the fire department of any fire alarm activations.”.

75. **Modify section 907.5.2.3 Visible alarms, Exception 1** as follows:

After “except where” insert “, as part of the alteration, an existing notification appliance is relocated.”.

76. **Modify section 907.6.6 Monitoring** as follows:

Delete “International Building Code” and insert “building code”.

Delete Exception 3 in its entirety.

77. **Add section 907.6.6.1.1** as follows:

“907.6.6.1.1 Transmission of information to dispatch centers. Signal information shall be transmitted from the monitoring or supervising station to the appropriate 911 dispatching center in a manner approved by the authority having jurisdiction in consultation with any 911 center dispatching for that fire department and may only be transmitted in a manner that is compatible with the technology and capabilities of the dispatch center.”

78. **Modify section 907.6.6.2 MIY monitoring** as follows:

At the end of the section after “fire code official.” insert “The fire code official shall notify the building code official of the certified building code department having jurisdiction of this approval.”.

79. **Modify section 907.7 Acceptance tests and completion** as follows:

At the end of the last sentence after “NFPA 72” insert “and the building code. When required by the fire code official, all acceptance testing shall be conducted in the presence of the fire code official”.

80. **Add section 907.7.4** as follows:

“907.7.4 Once acceptance testing is successfully completed and it is demonstrated that alarm signals are successfully relayed from the point of origin through each stage of the notification process through and including notification to the fire department, no component of the fire alarm system may be altered in any manner, including but not limited to the method in which the alarm signal is communicated to the monitoring or supervisory station and the method in which the alarm is relayed from the monitoring or

supervisor station to any 911 dispatch center serving the particular jurisdiction, without written permission of the authority having jurisdiction.”

81. **Modify section 907.8.4 Inspection, testing and maintenance** as follows:
In the second sentence before “qualification requirements of NFPA 72” insert “certification requirements of this chapter as applicable and the”
82. **Modify section 909.1 Scope and purpose** as follows:
Delete “International Building Code” and insert “building code”.

Delete “International Mechanical Code” and insert “mechanical code”.
83. **Modify section 909.2 General design requirements** as follows:
Delete “International Building Code” and insert “building code”.
84. **Modify section 909.3 Special inspection and test requirements** as follows:
Delete “International Building Code” and insert “building code”.
85. **Modify section 909.4.3 Wind effect** as follows:
Delete “International Building Code” and insert “building code”.
86. **Modify section 909.5 Smoke barrier construction** as follows:
Delete “International Building Code” and insert “building code”.
87. **Modify section 909.5.2 Testing of leakage area** as follows:
At the end of the last sentence after “fire code official” insert “pursuant to Section 901.1. At locations or in structures not regulated by the building code, the test method shall be approved by the fire code official prior to system installation”.
88. **Modify section 909.5.3 Opening protection and its exceptions** as follows:
Delete “International Building Code” and insert “building code” at all occurrences (3).
89. **Modify section 909.5.3.1 Group I-1, Condition 2; Group I-2; and ambulatory care facilities** as follows:
Delete “International Building Code” and insert “building code”.
90. **Modify section 909.5.3.2 Ducts and air transfer openings** as follows:
Delete “International Building Code” and insert “building code”.
91. **Modify section 909.7 Airflow design method** as follows:
In the first sentence after “fire code official” insert “pursuant to Section 901.1”.

At the end of the section after “NFPA 92.” insert “At locations or in structures not regulated by the building code, airflow design method shall be approved by the fire code official prior to system installation.”.

92. **Modify section 909.8 Exhaust method as follows:**
In the first sentence after “fire code official” insert “pursuant to Section 901.1”.

At the end of the section after “NFPA 92.” insert “At locations or in structures not regulated by the building code, the exhaust method shall be approved by the fire code official prior to system installation.”.
93. **Modify section 909.9 Design fire as follows:**
At the end of the first sentence after “fire code official” insert “pursuant to Section 901.1”.

At the end of the section after “and this section.” insert “At locations or in structures not regulated by the building code, the design fire shall be approved by the fire code official prior to system installation.”.
94. **Modify section 909.10 Equipment as follows:**
At the end of the section after “fire code official” insert “pursuant to Section 901.1. At locations or in structures not regulated by the building code, the equipment shall be approved by the fire code official prior to system installation”.
95. **Modify section 909.10.2 Ducts and its exception as follows:**
Delete “International Mechanical Code” and insert “mechanical code” at all occurrences (2).
96. **Modify section 909.10.4 Automatic dampers as follows:**
Delete “approved recognized standards” and insert “Section 716.3 of the building code”.
97. **Modify section 909.10.5 Fans as follows:**
Delete “International Building Code” and insert “building code”.
98. **Modify section 909.11.1 Equipment room as follows:**
Delete “International Building Code” and insert “building code” at all occurrences (2).
99. **Modify section 909.13.1 Materials, Exception 1 as follows:**
Delete “International Mechanical Code” and insert “mechanical code”.
100. **Modify section 909.18.8 Testing for smoke control as follows:**
Delete “International Building Code” and insert “building code”.
101. **Modify section 909.18.8.3.1 Report filing as follows:**
After “fire code official” insert “and the building code official”.
102. **Modify section 909.19 System acceptance and its Exception as follows:**
Delete “issued a certificate of occupancy” and insert “occupied”.

Delete “fire code official determines that the”.

In the exception after “approved by the” delete “fire code” and insert “*building*”.

In the exception after “official” insert “*in accordance with the building code*”.

103. Modify section 909.20.2 Construction as follows:

Delete “International Building Code” and insert “*building code*” at all occurrences (4).

104. Modify section 909.20.2.1 Door closers as follows:

Delete “International Building Code” and insert “*building code*”.

105. Modify section 909.20.3.1 Balcony doors as follows:

Delete “International Building Code” and insert “*building code*”.

106. Modify section 909.20.3.2 Vestibule doors as follows:

Delete “International Building Code” and insert “*building code*” at all occurrences (2).

107. Modify section 909.20.4.1 Vestibule doors as follows:

Delete “International Building Code” and insert “*building code*” at all occurrences (2).

108. Modify section 909.20.6.1 Ventilation systems, subparagraphs as follows:

Delete “International Building Code” and insert “*building code*” at all occurrences (6).

109. Modify section 909.21.1 Pressurization requirements, Exception 2 as follows:

Delete “International Building Code” and insert “*building code*”.

110. Modify section 910.2 Where required as follows:

After “heat vents” delete “or a” and insert “, *an approved*”.

Delete “removal” and insert “*exhaust*”.

After “system” insert “, *or an approved manually activated smoke exhaust system*”.

111. Add section 910.2.3 as follows:

“**910.2.3 Exit access travel distance increase.** Buildings and portions thereof used as a Group F-1 or S-1 occupancy where the maximum exit travel distance is increased in accordance with Section 1016.3.”

112. Modify section 910.4.5 Manual control location as follows:

Delete “International Building Code” and insert “*building code*” at all occurrences (2).

113. Modify section 910.4.7 Controls as follows:

Delete “International Mechanical Code” and insert “*mechanical code*”.

114. Add sections 910.6 through 910.6.6 as follows:

“910.6 Manually activated smoke exhaust system. A manually activated smoke exhaust system shall be an acceptable alternate to smoke and heat vents and to allow for the increased travel distance option provided in Section 1016.3.

910.6.1 Location. Exhaust fans shall be uniformly spaced throughout the Group F-1 or S-1 portion of the building.

910.6.2 Size. Fans shall have a maximum individual capacity of 50,000 cubic feet per minute (cfm) and provide a minimum of two air changes per hour.

910.6.3 Operation. Smoke exhaust fans shall be manually activated by individual manual controls.

910.6.4 Wiring and control. Wiring for operation and control of smoke exhaust fans shall be connected ahead of the main disconnect and protected against exposure to temperatures in excess of 1000 degrees F (538 degrees C) for a period of not less than 15 minutes. Controls shall be located so as to be immediately accessible to the fire service from the exterior of the building and protected against interior fire exposure by not less than 1-hour fire barriers constructed in accordance with Section 707 of the building code or horizontal assemblies constructed in accordance with Section 711 of the building code, or both.

910.6.5 Supply air. Supply air for exhaust fans shall be provided at or near the floor level and shall be sized to provide a minimum of 50 percent of required exhaust. Supply air for exhaust fans shall be uniformly distributed around the periphery of the area served.

910.6.6 Interlocks. Combination comfort air-handling/manually activated smoke exhaust systems are permitted. In combination comfort air-handling/manually activated smoke exhaust systems or independent comfort air-handling systems, the comfort air-handling system fans shall be controlled to automatically shut down upon duct or area smoke detector activation or sprinkler system water flow as specified in the approved manually activated smoke exhaust system sequence of operation.”

115. Modify Table 911.1 Explosion control requirements, footnote (f) as follows:
Delete “International Building Code” and insert “building code”.

116. Modify section 911.2 Required deflagration venting, subparagraph 5 as follows:
Delete “International Building Code” and insert “building code” at all occurrences (2).

117. Modify section 912.1 Installation as follows:
Add “**Exceptions:** Fire department connections are not required for:

1. Limited area sprinkler systems supplied from the domestic water system.
2. Automatic sprinkler systems having less than twenty sprinklers.”

118. Modify section 912.2 Location as follows:

After “With respect to hydrants, driveways,” add “fire apparatus access roads, public roadways,”.

At the end of the section after “fire code official.” insert “After approving the location of the fire department connection(s), the fire code official shall submit this approval to the building code official of the certified building department having jurisdiction”.

119. Modify section 912.2.1 Visible location as follows:

At the end of the section after “fire code official.” insert “If the fire code official approves a fire department connection location that does not meet the above criteria, the fire code official shall provide this input to the building code official of the certified building department having jurisdiction.”.

120. Modify section 912.4.1 Locking fire department connection caps as follows:

At the end of the section after “for removal.” insert “The fire code official shall notify the building official of the requirement for locking fire department connection caps.”.

121. Modify section 912.4.2 Clear space around connections as follows:

At the end of the section after “fire code official.” insert “The fire code official shall notify the building code official of the certified building department having jurisdiction of any conditions approved by the fire code official that exceed the minimum requirements contained in this section.”.

122. Modify section 912.6 Backflow protection as follows:

Delete “International Plumbing Code” and insert “plumbing code”.

123. Modify section 913.1 General, Exception as follows:

Delete “International Residential Code” and insert “residential code”.

124. Add section 913.1.1 as follows:

“913.1.1 Minimum suction pressure to be maintained. When a fire pump is installed, the “Ohio Environmental Protection Agency” requires the installation of a low-pressure cut-off or a low suction throttling valve to ensure that a minimum of 10 psi is maintained in the suction line while the pump is operating in accordance with rule 3745-95-07 of the Administrative Code.”

125. Modify section 913.2.1 Protection of fire pump rooms as follows:

Delete “International Building Code” and insert “building code”.

126. Modify section 913.5.2 Generator sets as follows:

After “NFPA 110.” insert “Written records of such tests shall meet the requirements of Section 604.4.2.”.

127. Modify section 913.5.3 Transfer switches as follows:

After “NFPA 110.” insert “Written records of such tests shall meet the requirements of Section 604.4.2.”.

128. Modify section 914.1 General as follows:

Delete “International Building Code” and insert “building code”.

129. Modify section 914.2.1 Automatic sprinkler system, Exception as follows:

Delete “International Building Code” and insert “building code” at all occurrences (2).

130. Modify section 914.3.1 Automatic sprinkler system, Exception as follows:

Delete “International Building Code” and insert “building code” at all occurrences (2).

131. Modify section 914.3.2 Secondary water supply as follows:

Delete “International Building Code” and insert “building code”.

132. Modify section 914.4.1 Automatic sprinkler system, Exception 1 as follows:

Delete “International Building Code” and insert “building code” at all occurrences (2).

133. Modify section 914.5.3 Compartment smoke control system as follows:

Delete “International Building Code” and insert “building code”.

134. Modify section 914.7.1 Automatic sprinkler system and its Exception as follows:

In the last sentence after “area is temporary,” insert “movable, or portable”.

Delete “Exception” and insert “Exceptions”.

Before “Automatic sprinklers” insert “1.”.

In that exception before “is less than 1,000” delete “area” and insert “occupancy”.

Add exception 2 as follows:

“2. Automatic fire sprinklers are not required where the total floor area of a temporary special amusement occupancy in an existing building is less than 5,000 square feet (93 m²), the travel distance from any point to an exit is less than 50 feet (15,240 mm), and where, in the opinion of the fire code official, additional means have been provided to ensure an equivalent level of safety for all occupants during the hours that the special amusement building is operated and occupied. Such additional means may include, but not be limited to fire watches, reduced occupant loads, additional means of egress, additional detection and portable fire extinguishers.”

135. Modify Table 914.8.3 Hangar fire suppression requirements, footnote c as follows:

Delete “International Building Code” and insert “building code”.

136. Modify section 914.8.3.2 Separation of maximum single fire areas as follows:

Delete “International Building Code” and insert “building code” at all occurrences (2).

137. Modify section 914.10 Drying rooms as follows:

Delete “International Building Code” and insert “*building code*”.

138. Modify section 915.1.6 Exempt garages as follows:

Delete “International Building Code” and insert “*building code*” at all occurrences (2).

139. Modify section 915.6.1 Enclosed parking garages as follows:

Delete “International Mechanical Code” and insert “*mechanical code*”.

140. Modify section 916.2 Permits as follows:

Delete “Section 105.6.10” and insert “*Chapter I*”.

141. Add section 918 as follows:

“Section 918 Fire protection and fire-fighting equipment certification

918.1 No person shall sell, offer for sale, or use any fire protection or fire-fighting equipment that does not meet the minimum standards for such equipment as specified in this code.

918.2 Certification required. *Except for public and private mobile fire trucks, no person shall engage in the business of servicing, testing, repairing, or installing fire protection or fire-fighting equipment for profit without first being certified by the state fire marshal as required by Section 3737.65 of the Revised Code and this code.*

918.3 Terms defined for this paragraph. *The following words as used in Section 918 take on exclusive meanings as follows:*

“Company.” *Any individual, sole proprietorship, partnership, association, or corporation certified pursuant to this chapter.*

“Company branch.” *A separate but dependent office of a company certified pursuant to Section 918.5 that operates at a different address than the company.*

“Provisional individual.” *Any person enrolled in a bona fide apprenticeship training program registered with the apprenticeship council pursuant to Chapter 4139 of the Revised Code or with the bureau of apprenticeship and training of the United States department of labor.*

918.4 Individual and provisional individual certification. *Upon satisfactory application and examination pursuant to Sections 918.4.1 through 918.4.3 and Sections 918.4.9 through 918.4.13, the state fire marshal may certify any individual or provisional individual to service, test, repair or install fire protection or fire-fighting equipment in the following categories:*

1. *Automatic sprinkler and standpipe systems;*

2. Fire service mains and water tanks;

Exception: Excavation and earth moving equipment operators are not required to be certified in this category provided the work they perform to meet the requirements of NFPA 22 and NFPA 24 is conducted under the direct supervision and active direction of an individual certified in this category who remains on site while the work is performed.

3. Fire pumps;

4. Fire alarm and detection equipment;

5. Household fire warning equipment only;

6. Portable fire extinguishers;

7. Engineered extinguishing equipment other than water;

8. Pre-engineered extinguishing equipment other than water;

9. Fire pump diesel technician;

10. Aerosol extinguishing equipment; or

11. Such other categories as deemed necessary by the state fire marshal.

918.4.1 Application. “Satisfactory application” includes but is not limited to the provision to the state fire marshal of all information requested by the state fire marshal or required by this chapter.

918.4.1.1 Reciprocal license. For an individual person applying for a reciprocal license in accordance with Chapter 4796 of the Revised Code, the provision to the state fire marshal of documentation demonstrating compliance with both Chapter 4796 of the Revised Code and all applicable provisions of Section 918 to the extent not otherwise addressed in Chapter 4796 of the Revised Code and any other documentation deemed necessary by the state fire marshal.

918.4.1.2 Engaging in unauthorized work. If the state fire marshal has obtained evidence that the applicant, within two years prior to the date of examination, engaged in unauthorized fire protection installer work, the state fire marshal may deny the application. If the state fire marshal has obtained evidence that a renewal applicant, within two years of the date of renewal application, has engaged in fire protection installer work performed in violation of applicable codes, the state fire marshal may deny the renewal application.

918.4.2 Training. *Those seeking certification to work on a particular engineered or pre-engineered system must show at least one of the following:*

- 1. Proof from the manufacturer of training or approval to work on the manufacturers engineered or pre-engineered system; or*
- 2. Documentation demonstrating that the applicant has witnessed the Ohio Fire Code compliant installation of ten engineered or pre-engineered systems within two years immediately prior to making application. The documentation shall include the Ohio license number of the individual performing the installation, the type of system, and the date and Ohio location of the installation.*

918.4.3 Testing requirements. *Except for provisional individuals, all applicants shall obtain a passing grade of at least seventy per cent on a fire protection installer examination administered by the state fire in order to obtain certification. The state fire marshal may administer the examination by procuring or engaging a third party to provide testing services. Fees for the examination may be assessed.*

918.4.4 *An individual may only work in those categories, as listed in Section 918.4, for which the individual has been certified pursuant to Sections 918.4.1 through 918.4.3.*

918.4.5 Company affiliation. *An individual must be certified pursuant to section 918.4 and operate as a company or must be associated with a certified company when such individual engages in the business of servicing, testing, repairing or installing fire protection or fire-fighting equipment for profit including all individuals who work as a sole proprietor or in their individual name. Individuals engaging in such work using their personal name or working as a sole proprietor shall also be certified as a company in accordance with Section 918.5 in addition to maintaining their individual certification.*

918.4.6 Experience and education. *Individuals may only work on those particular engineered or pre-engineered systems for which the individual has recent experience or education to show competence and has provided documentation thereof to the state fire marshal. Individuals may only engage in the servicing, testing, or repairing of any fire protection or fire-fighting equipment if they are knowledgeable and experienced in the testing, maintenance and servicing requirements of the equipment and of the testing, service or maintenance methods of the equipment being worked on. Entities who engage persons to work on engineered or pre-engineered systems or to test, service, repair or provide maintenance on fire protection or fire-fighting equipment shall only engage competent and qualified individuals for work.*

918.4.7 Certificate to be carried on person while engaging in work. *Every certified individual shall have the certificate issued pursuant to Section 918.4 on their person*

or readily available in electronic format while engaging in the business of servicing, testing, repairing or installing fire protection or fire-fighting equipment for profit and produce the certificate for inspection upon request by the fire code official.

918.4.8 Supervision required. A provisional individual must be supervised by a certified individual at all times such provisional individual is engaging in work requiring certification. The certified individual directly supervising an individual issued a provisional certificate shall only supervise one provisional certificate holder while engaging in work requiring certification. The certified individual directly supervising the provisional certificate holder shall possess a valid and current certificate for the certification category of the work being performed.

918.4.9 Forms for certification and renewal. Applications for certification and renewals shall be made on forms provided by the state fire marshal. All applications and renewals shall be accompanied by the appropriate fee, to be made payable to "Treasurer, State of Ohio."

918.4.10 Application content. Original application for certification and renewal of an individual or provisional individual shall, at a minimum, include the following:

1. Name of applicant and valid contact information including address, phone number, electronic mailing address and, if applicable, facsimile number;
2. Categories for which applicant is seeking certification;
3. If for a provisional individual, a copy of the individual's RAPIDS certificate (Registered Apprenticeship Partners Information Database System) through the U.S. department of labor);
4. Upon request of the state fire marshal, documentation describing the applicant's recent work history relating to fire protection installer work or similar construction trade experience including evidence that the work performed was completed with certified individuals and in compliance with applicable codes;
5. All required fees; and
6. Any other information requested by the state fire marshal.

918.4.11 Application fees. Fees for an individual or provisional certification shall be as follows:

1. Original application of an individual or provisional individual: thirty-five dollars for each category for which certification is sought;
2. Renewal of an individual or provisional individual: forty dollars;

3. Application for a duplicate license: ten dollars; such application shall be made in writing to the state fire marshal.

918.4.12 Certification expiration. Applications for renewal must be received by the state fire marshal prior to the expiration date. Individual certification licenses and company certification of an individual operating alone expire in accordance with the following schedule:

1. Last name beginning with “A-G” on January second of each year;
2. Last name beginning with “H-M” on April first of each year;
3. Last name beginning with “N-S” on July first of each year;
4. Last name beginning with “T-Z” on October first of each year.

918.4.13 Late application. Upon expiration of certification all applications for renewal will be considered as an original application and the applicant shall be required to pass a fire protection installer examination administered by the state fire marshal prior to certification.

Exception: The state fire marshal, in the state fire marshal’s sole discretion, may grant a medical extension to the renewal application deadline for an applicant who demonstrates good cause, as determined by the state fire marshal, and provides supporting documentation as requested by the state fire marshal.

918.5 Company certification. Upon satisfactory application, the state fire marshal may certify any company to engage in the business of servicing, testing, repairing, and installing fire protection and fire-fighting equipment. A company certification authorizes a company to engage in fire protection installer work only for those fire protection installer categories for which its employees are certified pursuant to this section.

918.5.1 Application content. Original and renewal applications for certification or renewal of a company and any branches associated therewith shall, at a minimum, include the following as required by the state fire marshal:

1. Name of applicant;
2. The primary business address of the company;
3. Names of all persons responsible for the normal operations of the company (e.g., officers of the corporation, partners, etc.);
4. Proof of liability insurance or bonding in an amount of at least fifty thousand dollars for completion and/or performance purposes;

5. If a non-resident, an irrevocable consent to legal service in Ohio (needed for original application only);
6. All required fees; and
7. Any other information requested by the state fire marshal.

918.5.1.1 Company name change. If a company name changes to something other than that which was filed with the state fire marshal pursuant to Section 918.5.1, the company shall file a name change form with the state fire marshal within 45 days of the date the name change became legally effective. A fee of twenty-five dollars shall be submitted with the form. A separate form and fee are not required for company branches.

918.5.2 Application fees. Fees for a company certification shall be as follows:

1. Original application of a company: two hundred dollars, except that an individual operating as a company shall be required to pay a fee of fifty dollars.
2. Renewal of a company: one hundred fifty dollars, except that an individual operating as a company shall be required to pay a fee of twenty-five dollars. All renewal applications not submitted prior to the date of expiration shall pay original application fees in accordance with Section 918.5.2 Item 1.
3. Application for a duplicate license: ten dollars; such application shall be made in writing to the state fire marshal.
4. Application for an original or renewal company branch certificate: ten dollars per company branch certificate.
 - 4.1 A company branch certificate status is contingent upon the status of the company and shall only operate if the company maintains a valid certificate.
 - 4.2 A company branch certificate is renewed upon the satisfactory and approved renewal of the company unless otherwise indicated in writing by the company.
 - 4.3 The company is responsible for any fire protection installation or fire-fighting equipment business conducted out of or in association with a company branch.

918.5.3 Certificate expiration. All company certification licenses expire July first of each year. Renewal shall be pursuant to standard renewal procedure. Upon

expiration of certification, all applications for renewal received by the state fire marshal thereafter shall be considered as a new application and the company applicant shall pay new application fees in accordance with Section 918.5.2 Item 1.

918.6 Address and insurance information. Any certified individual or certified company that changes its primary mailing address, including electronic mailing address, as previously filed with the state fire marshal or that experiences expiration of required insurance coverage, shall submit written notification of such change of address or insurance expiration to the state fire marshal within thirty days of the change of address or insurance expiration. A certified company or the company branch shall submit written notification to the state fire marshal of a company branch office's address change or closure within thirty days of such change or closure.

918.7 Denial, suspension or revocation of a certificate. An application for any certificate issued pursuant to Section 918 may be denied, or a certificate issued pursuant to Section 918 may be suspended or revoked for cause by the state fire marshal. Denial, suspension or revocation for cause includes, but is not limited to, any of the following:

1. For knowingly committing an act that violates any provision of this code, the building code, or the Revised Code;
2. For engaging in or permitting a person to engage in activity requiring certification, but for which activity the person is not certified;
3. For gross negligence or gross incompetence;
4. For knowingly making any misrepresentation or false promise, or for dishonest or illegal dealing;
5. For a continued course of misrepresentation or the making of false promises individually, through employees or agents, through advertising, or otherwise;
6. For failure to notify the state fire marshal of a change of primary mailing address;
7. In the case of a company, for failure to maintain the liability insurance or bonding in an amount of at least fifty thousand dollars for completion and/or performance purposes;
8. In the case of a provisional individual, for failure to complete the apprenticeship program or failure to maintain enrollment in the apprenticeship training program; or
9. In the case of a company, for failure to notify the state fire marshal upon expiration of the required insurance coverage or of any changes to the

information required by Section 918.6 or for failure to provide satisfactory evidence documenting such changes to the required information.

918.7.1 R.C. Chapter 119. The state fire marshal shall comply with the provisions of Chapter 119. of the Revised Code whenever denying, suspending or revoking a certificate pursuant to Section 918.7.

918.7.2 Company association. No person who has been denied certification, or whose certification is under suspension or revocation pursuant to Section 918.7, may be associated with any company certified pursuant to Section 918.

918.7.3 Automatic denial for non-payment. An application for any certificate issued pursuant to Section 918 shall be automatically denied if an applicant fails to provide valid payment for any fee related to an application. If a certification is issued by the state fire marshal prior to the return and/or invalidation of a payment, including but not limited to return for insufficient funds, the certification application shall, in accordance with Chapter 119 of the Revised Code, be deemed denied as of the expiration date of the previous certification cycle and any certification that may have been issued shall be deemed null and void.

918.7.4 No reapplication for two years. If an application for certification is denied, or if a certification issued pursuant to Section 918 is suspended or revoked, the company, company branch, or individual shall immediately cease engaging in the business of servicing, testing, repairing or installing fire protection or fire-fighting equipment for profit. If a certification is denied, suspended or revoked, that company or a company that had its certification denied, suspended or revoked, or an individual who had their certification denied, suspended or revoked, may not reapply for certification pursuant to Section 918 until the suspension is lifted or until two years expire from the date of denial or revocation of certification.

Exception: A company that had its certification denied or an individual who had their certification denied solely for failure to submit a complete application, may reapply for certification pursuant to Section 918 without waiting for two years to expire from the date of denial of certification.”

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