

1301:7-7-10 Means of egress.

Chapter 10 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 1001.1 General as follows:

At the end of the first sentence after “by this chapter” insert “and in compliance with accessibility requirements as set forth in Chapter 11 of the building code”.

After “apply to new construction.” insert “The new construction requirements of this chapter for the means of egress 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.”.

After the end of the last sentence, after “apply to existing buildings.” insert “Except for maintenance requirements contained in Section 1032, the provisions of this chapter for a means of egress system in existing buildings shall apply only in accordance with Section 102.1.”

In the exception, delete “International Residential Code” and insert “residential code”.

2. Modify section 1002.1 Definitions as follows:

After “Stairway, spiral” insert “Temporary door locking device.” to the list of terms.

3. Modify section 1003.2 Ceiling height, Exceptions (1, 2, 7 and 8) as follows:

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

4. Modify section 1003.3.3 Horizontal projections as follows:

Delete “685” and insert “686”.

Delete “2030” and insert “2032”.

5. Modify section 1003.5 Elevation change, Exceptions (2 and 3) as follows:

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

6. Modify section 1004.5 Areas without fixed seating, Exception as follows:

Delete “fire code official” and insert “building official”.

7. Modify Table 1004.5 Maximum floor area allowances per occupant as follows:

In the row for ‘Mall buildings-covered and open’ after “See section 402.8.2 of the” delete “International Building Code” and insert “building code”.

8. Modify section 1004.5.1 Increased occupant load as follows:

In the second sentence after “Where required by the fire code official” insert “pursuant to Section 1001.1”.

At the end of the section after “be posted.” insert “*At locations or in structures not regulated by the building code, the increased occupant load shall be approved by the fire code official.*”

9. **Modify section 1004.6 Fixed seating as follows:**

In the second paragraph delete “International Building Code” and insert “*building code*”.

10. **Modify section 1004.7 Outdoor areas and its Exception 2 as follows:**

In the second sentence after “by the fire code official” insert “*pursuant to Section 1001.1*”.

At the end of the section after “plus the outdoor areas.” insert “*At locations or in structures not regulated by the building code, the occupant load shall be approved by the fire code official.*”

In Exception 2 after “Both outdoor areas” delete “associated with” and insert “*dedicated to individual dwelling units in*”.

In Exception 2 before “Group R-2” delete “individual dwelling units of”.

11. **Modify section 1005.7.2, Other projections, Exception as follows:**

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

12. **Modify section 1006.2.1, Egress based on occupant load and common path of egress travel distance, Exception 2 as follows:**

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

13. **Modify Table 1006.2.1 Spaced with one exit or exit access doorway, footnote d as follows:**

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

14. **Modify section 1006.2.2.3 Refrigerated rooms or spaces, Exception as follows:**

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

15. **Modify section 1008.3.4 Duration as follows:**

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

16. **Modify section 1009.2 Continuity and components, subparagraph 1 as follows:**

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

17. **Modify section 1009.4.1 Standby power as follows:**

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

18. **Modify section 1009.4.2 Area of refuge, Exception 3 as follows:**

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

19. **Modify section 1009.5 Platform lifts as follows:**
Delete “International Building Code” and insert “building code” at all occurrences (2).
20. **Modify section 1009.6.4 Separation as follows:**
Delete “International Building Code” and insert “building code”.
21. **Add section 1009.6.5.1 as follows:**
“1009.6.5.1 Testing and maintenance. All two-way communication systems shall be tested in the presence of the fire code official upon completion of installation. Communication systems shall be inspected and tested in accordance with NFPA 72 to verify that all components are operational.”
22. **Modify section 1009.7.2 Separation as follows:**
Delete “International Building Code” and insert “building code”.
23. **Modify section 1010.1.1 Size of doors, Exception 3 as follows:**
After “Door openings to” insert “reach in”.
24. **Modify section 1010.1.3 Forces to unlatch and open doors as follows:**
Delete “The forces to unlatch doors” and insert “Doors required to be accessible shall comply with accessibility requirements as set forth in Chapter 11 of the building code. Doors not required to be accessible or for which accessibility requirements as set forth in Chapter 11 of the building code has no requirements”.
25. **Modify section 1010.1.4 Floor elevation and its exceptions as follows:**
Delete “0.25” and insert “one”.

Delete “12” and insert “fifty”.

At the beginning of Exception 4 delete “Variations” and insert “In units not required to be Type A, Type B or accessible, variations”.

In Exception 6 delete “International Building Code” and insert “building code”.
26. **Modify section 1010.1.5 Landings at doors, Exception as follows:**
At the end of the exception after “(914 mm)” insert “when the units are not required to be accessible or Type A units”.
27. **Modify section 1010.1.6 Thresholds, Exception 1.2 as follows:**
Delete “International Building Code” and insert “building code”.
28. **Add an exception to section 1010.2 Door operations as follows:**
“Exception: A temporary door locking device that is approved by the building official and noted on the certificate of occupancy in accordance with Section 1010.2.16 of the building code, and that is used in accordance with Sections 1010.2.16.1 and 1010.2.16.2 of the building code as applicable.”

29. **Amend section 1010.2.1 Unlatching** by adding Exception 5 as follows:
“5. A temporary door locking device that is approved by the building official and noted on the certificate of occupancy in accordance with Section 10102.16 of the building code, and that is used in accordance with Sections 1010.2.16.1 and 1010.2.16.2 of the building code as applicable.”
30. **Modify section 1010.2.2 Hardware** as follows:
Delete “International Building Code” and insert “building code”.
- Add an exception as follows: “**Exception:** A temporary door locking device that is approved by the building official and noted on the certificate of occupancy in accordance with Section 1010.2.16 of the building code, and that is used in accordance with Sections 1010.2.16.1 and 1010.2.16.2 of the building code as applicable.”*
31. **Add subparagraph 11 to section 1010.2.4 Locks and latches** as follows:
“11. A temporary door locking device that is approved by the building official and noted on the certificate of occupancy in accordance with Section 1010.2.16 of the building code, and that is used in accordance with Sections 1010.2.16.1 and 1010.2.16.2 of the building code as applicable.”
32. **Modify section 1010.2.7 Stairway doors, Exception 2** as follows:
Delete “International Building Code” and insert “building code”.
33. **Modify section 1010.2.8 Locking arrangements in educational occupancies** as follows:
After “comply with” delete the remaining text, beginning with “all of the following conditions” through and including “unlocking operation in Item 1” and insert “*the building code*”.
34. **Add subparagraphs 9 and 10 to section 1010.2.13.1 Delayed egress locking systems** as follows:
“9. The procedures for the operation(s) of the unlocking system shall be described and approved as part of the emergency planning and preparedness required by Chapter 4.”.
- 10. All clinical staff shall have the keys, codes or other means necessary to operate the locking devices.”*
35. **Modify section 1010.2.14 Controlled egress doors in Groups I-1 and I-2** as follows:
In the second sentence after “approved automatic smoke detection system installed” insert “throughout the locked space”.
36. **Modify section 1010.3.1 Revolving doors, subparagraph 7** as follows:
Delete “International Building Code” and insert “building code”.

37. **Modify section 1010.3.3 Special-purpose horizontal sliding, accordion or folding doors, subparagraph 5** as follows:
Delete “International Building Code” and insert “*building code*” at all occurrences (2).
38. **Modify section 1011.5.2 Riser height and tread depth, Exception 3** as follows:
Delete “7¾ inches (197 mm) ” and insert “8¼ inches (209.55 mm)” [regarding maximum riser height].

Delete “10 inches (254 mm)” and insert “9 inches (228.6 mm)” [regarding minimum tread depth only].
39. **Modify section 1011.7 Stairway construction, Exception 2** as follows:
Delete “International Building Code” and insert “*building code*”.
40. **Modify section 1011.10 Spiral stairways** as follows:
Delete “International Building Code” and insert “*building code*”.
41. **Modify section 1011.11 Handrails** as follows:
Delete “International Building Code” and insert “*building code*”.
42. **Modify section 1011.12.2 Roof access** as follows:
Delete “International Building Code” and insert “*building code*”.
43. **Modify section 1011.15 Ship’s ladders** as follows:
Delete “International Building Code” and insert “*building code*”.
44. **Modify section 1011.16 Ladders** as follows:
Delete “International Mechanical Code” and insert “*mechanical code*”.

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

In subparagraph 6, delete “International Mechanical Code” and insert “*mechanical code*”.
45. **Modify section 1012.1 Scope, Exception 2** as follows:
Delete “ICC A117.1” and insert “*building code*”.
46. **Modify section 1012.6.3 Length, Exception 1** as follows:
Delete “International Building Code” and insert “*building code*”.
47. **Modify section 1012.6.4 Change in direction, Exception** as follows:
Delete “International Building Code” and insert “*building code*”.
48. **Modify section 1012.6.5 Doorways** as follows:
Delete “ICC A117.1” and insert “the *building code*”.

49. **Modify section 1012.10 Edge protection, Exception 1** as follows:
Delete “ICC A117.1” and insert “building code”.
50. **Modify section 1013.1 Where required, Exception 2** as follows:
At the end of the exception after “fire code official” insert “pursuant to Section 1001.1. At locations or in structures not regulated by the building code, main exterior exit doors or gates which obviously and clearly are identifiable as exits need not have exit signs where approved by the fire code official”.
51. **Modify section 1013.6.3 Power source** as follows:
Delete “604” and insert “1203”.
52. **Modify section 1014.1 Where required** as follows:
Delete “International Building Code” and insert “building code”.
53. **Modify section 1015.2 Where required** as follows:
Delete “International Building Code” and insert “building code”.
54. **Modify section 1015.2.1 Glazing** as follows:
Delete “International Building Code” and insert “building code” at all occurrences (2).
55. **Modify section 1016.2 Egress through intervening spaces, subparagraph 1** as follows:
Delete “International Building Code” and insert “building code”.
56. **Modify Table 1017.2 Exit access travel distance, footnote a.** as follows:
Delete “International Building Code” and insert “building code” at all occurrences (7).
57. **Add subparagraphs 4 and 5 to section 1017.2.2 Groups F-1 and S-1 increase** as follows:
“4. The portion of the building classified as Group F-1 or S-1 is equipped throughout with an early suppression fast response (ESFR) automatic fire sprinkler system in accordance with Section 903.3.1.1; and

5. The portion of the building classified as Group F-1 or S-1 is equipped with a normally activated smoke exhaust system complying with Section 910.5.”
58. **Modify section 1018.3 Aisles in Groups B and M, Exception.** as follows:
Delete “International Building Code” and insert “building code”.
59. **Modify section 1018.5 Aisles in other than assembly spaces and Groups B and M, Exception.** as follows:
Delete “International Building Code” and insert “building code”.
60. **Modify section 1019.3 Occupancies other than Groups I-1 and I-3 and its Exception 5.** as follows:
Delete “International Building Code” and insert “building code” at all occurrences (2).

61. **Modify** section **1019.4 Groups I-1 and I-3 occupancies** and its **Exception** as follows:
Delete “International Building Code” and insert “*building code*” at all occurrences (2).

62. **Modify** section **1020.2 Construction** and its **Exception 5** as follows:
Delete “International Building Code” and insert “*building code*” at all occurrences (3).

63. **Delete** **Table 1020.2 Corridor fire-resistance rating** and its **footnotes** and replace it with the following:

[BE] **Table 1020.2**
Corridor fire-resistance rating

Occupancy	Occupant load served by corridor	Required fire-resistance rating (hours)			
		Without sprinkler system or provided with a partial sprinkler system	With sprinkler system ^c		
			Type of Sprinkler System		
			13D	13R	13
H-1, H-2, H-3	All	NP	NP	NP	1
H-4, H-5	Greater than 30	NP	NP	NP	1
A, B, E, F, M, S, U	Greater than 30	1	NP	NP	0
R	Greater than 10	1	1 ^d	0.5	0.5
I-1	All	NP	1	1	1
I-2 ^a	All	NP	NP	NP	0
I-3	All	NP	NP	NP	1 ^b
I-4	All	1	NP	1	0

NP = Not Permitted

a. For requirements for occupancies in Group I-2, see Sections 407.2 and 407.3 of the building code.

b. For a reduction in the fire-resistance rating for occupancies in Group I-3, see Section 408.8 of the building code.

c. Buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2 where allowed.

d. Group R-3 and R-4 buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.3. See Section 903.2.8 for occupancies where automatic sprinkler systems are permitted in accordance with Section 903.3.1.3.

64. **Modify** section **1020.2.1 Hoistway opening protection** as follows:
Delete “International Building Code” and insert “*building code*”.

65. **Modify** section **1020.6.1 Corridor ceiling, subparagraph 3** as follows:
Delete “International Mechanical Code” and insert “*mechanical code*”.

66. **Modify** section **1021.4 Location, subparagraph 3** as follows:
Delete “International Building Code” and insert “*building code*”.

67. **Modify** section **1023.2 Construction** and its **Exceptions 1, 2 and 3** as follows:
Delete “International Building Code” and insert “*building code*” at all occurrences (5).

68. **Modify** section **1023.3.1 Extension** and its **Exception 3** as follows:
Delete “International Building Code” and insert “*building code*” at all occurrences (4).

69. **Modify** section **1023.4 Openings** as follows:
Delete “International Building Code” and insert “*building code*”.

70. **Modify** section **1023.5 Penetrations** and its **Exception** as follows:
Delete “International Building Code” and insert “*building code*” at all occurrences (2).

71. **Modify section 1023.6 Ventilation as follows:**
Delete “International Building Code” and insert “*building code*”.
72. **Modify section 1023.7 Interior exit stairway and ramp exterior walls as follows:**
Delete “International Building Code” and insert “*building code*”.
73. **Modify section 1023.9.1 Signage requirements as follows:**
After “comply with” insert “Chapter 11 of the *building code* and”.
74. **Modify section 1023.12 Smokeproof enclosures as follows:**
Delete “International Building Code” and insert “*building code*”.
75. **Modify section 1023.12.1 Termination and extension as follows:**
Delete “International Building Code” and insert “*building code*” at all occurrences (2).
76. **Modify section 1023.12.2 Enclosure access, Exception as follows:**
Delete “International Building Code” and insert “*building code*”.
77. **Modify section 1024.3 Construction as follows:**
Delete “International Building Code” and insert “*building code*” at all occurrences (2).
78. **Modify section 1024.5 Openings as follows:**
Delete “International Building Code” and insert “*building code*” at all occurrences (2).
79. **Modify section 1024.6 Penetrations and its Exception as follows:**
Delete “International Building Code” and insert “*building code*” at all occurrences (2).
80. **Modify section 1024.7 Ventilation as follows:**
Delete “International Building Code” and insert “*building code*”.
81. **Modify section 1026.2 Separation and its Exception as follows:**
Delete “International Building Code” and insert “*building code*” at all occurrences (6).
82. **Modify section 1026.3 Opening protectives as follows:**
Delete “International Building Code” and insert “*building code*” at all occurrences (2).
83. **Modify section 1026.4.1 Capacity as follows:**
Delete “International Building Code” and insert “*building code*”.
84. **Modify section 1027.2 Use in a means of egress as follows:**
After “means of egress for Group I-2,” insert “*I-4 and daycare facilities in Group E*”.

After “For occupancies other than Group I-2,” insert “*I-4 and daycare facilities in Group E occupancies*,”.

85. **Modify section 1027.5 Location, subparagraph 3** as follows:
Delete “International Building Code” and insert “*building code*”.
86. **Modify section 1028.2 Exit discharge, Exception 2.3** as follows:
Delete “International Building Code” and insert “*building code*”.
87. **Modify section 1030.1.1.1 Spaces under grandstands and bleachers** as follows:
Delete “International Building Code” and insert “*building code*” at all occurrences (2).
88. **Modify section 1030.6.2 Smoke-protected assembly seating** as follows:
In the last sentence after “A life safety evaluation, complying with” insert “*Section 12.4.2 or Section 13.4.2 of*”.
89. **Modify section 1030.14.1 Ramped aisles** as follows:
Delete “International Building Code” and insert “*building code*”.
90. **Modify section 1030.16.4 Rails** as follows:
Delete “International Building Code” and insert “*building code*”.
91. **Modify section 1031.5.3 Drainage and its Exception** as follows:
Delete “International Building Code” and insert “*building code*” at all occurrences (2).
92. **Modify section 1032.2.1 Security devices and egress locks** as follows:
After the last sentence insert “*Any security device or system that emits any medium that could obscure a means of egress in any building, structure or premise shall be prohibited except as otherwise provided in this chapter.*”.
93. **Modify section 1032.2.1.1 Fire escapes** as follows:
Add a new paragraph to the section after “from the exterior of the enclosures.” as follows:

“Where installed, fire escapes shall either be maintained in safe and operable condition and in accordance with the fire code in existence at the time of their installation or be removed in accordance with the building code.”
94. **Modify section 1032.2.2 Locking arrangements in educational occupancies** as follows:
Delete everything in the paragraph including and after “permitted to be” through and including “NFPA 80” and insert “*in accordance with the building code.*”
95. **Modify section 1032.3.1 Group I-2** as follows:
Delete “International Building Code” and insert “*building code*”.