

COUNTY COUNCIL OF BALTIMORE COUNTY, MARYLAND  
Legislative Session 2017, Legislative Day No. 3

Bill No. 3-17

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Mr. Tom Quirk, Chairman  
By Request of County Executive

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By the County Council, February 6, 2017

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A BILL  
ENTITLED

AN ACT concerning

The Fire Prevention Code of Baltimore County

For the purpose of adopting the Fire Prevention Code of Baltimore County; repealing the 2013

Fire Prevention Code; adopting certain amendments to the Fire Prevention Code; making  
the provisions of this act severable; and generally relating to fire prevention.

By repealing and reenacting with amendments

Section 14-2-102  
Article 14. Fire Protection  
Baltimore County Code, 2003

By adopting

The NFPA 1, Fire Code, 2015 edition, with amendments

The NFPA, 101 Life Safety Code, 2015 edition, with amendments

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EXPLANATION:   CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.  
[Brackets] indicate matter stricken from existing law.  
~~Strike out~~ indicates matter stricken from bill.  
Underlining indicates amendments to bill.

By Repealing from NFPA 1: Fire Code, 2015 Edition:

Sections 1.1.1(3), 1.6, 1.10 thru 1.10.6.6, 1.12.2, 1.12.2.1, 1.12.6.13\*, 1.12.8, Tables 1.12.8(a)(b)(c)&(d), 1.13.2, 1.13.12.4, 1.16.4.2, 2.2 NFPA 13 2013, NFPA 13D 2013, NFPA 13R 2013, 2.2 NFPA 150 & NFPA 5000, 3.2.2\*, 3.3.183.6\*, 3.3.183.7\*, 3.3.183.22, 3.3.183.23.3, 3.3.183.25\*, 4.5.8.1, 4.5.8.3\*, 6.1.4.1\*, 6.1.9.1\*, 10.1.2\*, 10.4.1, 10.4.2, 10.10.1, 10.10.1.1, 10.10.6 thru 10.10.6.2, 10.11.1.2, 10.11.1.3, 10.13.1.1, 10.13.3.1, 10.13.9.1, 10.14.2, 10.14.11.2.6, 10.15.1, 10.15.2, 10.15.5, 10.18.7, 10.19.1, 11.9.1, 13.1.4.1, 13.2.2.2, 13.3.2.1, 13.3.2.26.2.3\*, 13.3.3.1, 13.3.3.2, 13.5.2, 13.6.1.2\*, 13.6.4.1.2.1\* thru 13.6.4.1.2.3, 13.7.2.28.1.1, 13.7.2.28.1.2, 14.13.1.2, 16.4.3.1.3\*, 18.1.3.1, 18.1.3.2, 18.2.3.2.1, 18.5.3, 19.2.1.4, 20.3.4.1.1, 20.3.4.2.3.5.1, 20.3.4.2.3.6.1\*, 25.2.2.1, 28.1.6.2.1.1, 31.3.6.3.1\* thru 31.3.6.3.2.3, chapter 35, 50.4.4.3.1\*, 65.2, 65.2.1, 65.2.2, 65.3, 65.3.1, 65.3.2, 65.3.3, 65.4, 65.4.1, 65.4.2, 65.5, 65.5.1, 65.6, 65.7, 65.7.1, 65.7.2, 65.8, 65.8.1, 65.8.2, 65.9, 65.9.1, 65.9.2.1, 65.9.2.2, 66.6.2.

By Adding to NFPA 1: Fire Code, 2015 Edition:

Sections 1.1.1(3), 1.3.2.3.1, 1.3.2.1.1, 1.3.6.3.1, 1.6, 1.6, 1.7.7.7, 1.10, 1.10.5.1, 1.10.5.2, 1.10.11.2, 1.10.16.6, 1.10.16.7, 1.12.1.1, 1.12.2, 1.12.2.1, 1.12.2.5, 1.12.2.6, 1.12.2.7, 1.13.2, 1.16.6, 1.16.7, 2.2 NFPA 13 2016, NFPA 13D 2016, NFPA 13R 2016, 2.2.1, 3.2.2\*, 3.2.3.1, 3.2.3.2, 3.2.3.3, 3.3.183.6\*, 3.3.183.7\*, 3.3.183.22, 3.3.183.23.3, 3.3.183.25\*, 3.3.183.29, 3.3.278, 4.5.8.1, 4.5.8.3\*, 6.1.4.1\*, 6.1.9.1\*, 10.1.2\*, 10.1.6.1, 10.4.1, 10.5.6.1, 10.10.1.1, 10.10.1.5, 10.10.1.6, 10.10.2.1, 10.10.5.3, 10.10.6, 10.10.6.1, 10.11.1.1.1, 10.11.1.2, 10.11.1.3, 10.11.1.4, 10.11.1.5, 10.13.1.1, 10.13.1.2, 10.13.3.1, 10.13.9.1, 10.14.2, 10.14.11.2.6, 10.15.1, 10.15.3.1, 10.15.5, 10.15.6, 10.15.7, 10.18.7,

10.18.7.1, 10.19.1, 10.20, 11.1.7.3.2, 11.1.9, 11.3.6.1.1, 11.5.1.11.3, 11.5.2.4, 11.5.2.4.1,  
11.5.2.4.2, 11.5.2.4.3, 11.5.2.4.4, 11.9.1, 11.9.4(6), 11.12.1.1, 12.2.2.1.2, 11.12.2.2.2.3,  
11.12.2.2.2.4, 13.1.4.1, 13.2.1.1, 13.2.2.2, 13.3.1.1.1, 13.3.1.1.2, 13.3.1.1.3, 13.3.1.2.1,  
13.3.1.2.2, 13.3.1.2.3, 13.3.1.2.4, 13.3.1.2.5, 13.3.1.2.6, 13.3.1.2.7, 13.3.1.2.8, 13.3.1.8.3,  
13.3.2.1, 13.3.2.1.1, 13.3.2.26.2.3\*, 13.3.2.27.6, 13.3.3.1, 13.3.3.2, 13.3.3.4.1.8.1,  
13.4.1.1.1, 13.4.6.4.3, 13.5.2, 13.6.1.2, 13.6.1.2.1, 13.6.1.3.3.4, 13.6.1.6.1.2, 13.6.4.1.2.1,  
13.6.4.1.1.7, 13.7.1.13.1.1, 13.7.1.13.1.2, 13.7.1.13.1.3, 13.7.2.6.5, 13.7.2.13.3.3,  
13.7.13.4.3, 13.7.13.5.3, 13.7.13.5.4, 13.7.13.5.5, 13.7.2.28.1.2, 13.7.2.28.1.3, 13.7.3.1.2,  
13.7.3.1.3, 13.7.3.2.3.5.6, 13.8.1, 13.8.2, 13.8.3, 14.5.2.8.1(6), 14.13.1.2, 14.14.1.8.1,  
16.4.3.1.3\*, 18.1.3.1, 18.1.3.2, 18.2.3.1.1.1, 18.2.3.2.1, 18.2.3.5.3, 18.3.2, 18.3.2.1,  
18.3.2.2, 18.5.1.7, 18.5.1.8, 18.5.7.3.1, 18.5.9.1, 18.5.10.4, 18.5.10.5, 19.2.1.3.1, 19.2.1.4,  
20.1.5.10.4, 20.1.5.10.4.4, 20.1.5.10.4.5, 20.2.4.6, 20.3.4.1.1, 20.3.4.2.3.5.1,  
20.3.4.2.3.6.1\*, 20.5.2.1.4, 25.2.2.1, 26.1.5.2, 26.1.5.3, 26.1.5.4, 26.3.1, 28.1.6.2.1.1,  
28.1.6.2.1.4, 28.1.6.3.8, 28.1.6.3.9, 28.1.6.3.10, 28.1.6.3.11, 28.1.6.3.12, 28.1.6.3.13,  
28.1.6.3.14, 28.1.6.3.15, 28.1.6.3.16, 28.1.6.3.17, 28.1.6.4.1, 28.1.6.4.2, 28.1.6.4.3,  
29.1.4, 31.3.3.4.2.1, 31.3.6.2.2(9), 31.3.6.3.1\*, 42.7.5.5.1, 42.7.5.7, 42.7.5.8, 42.7.5.9,  
50.1.5, 50.2.1.10, 50.2.1.10.1, 50.2.1.10.2, 50.2.1.10.2.1, 50.2.1.10.2.2, 50.2.1.10.2.3,  
50.2.1.10.2.4, 50.2.1.10.2.5, 50.2.1.10.2.6, 50.2.1.10.3, 50.2.1.10.3.1, 50.2.1.10.3.2,  
50.2.1.10.3.3, 50.4.4.3.1, 50.5.2.9, 65.1.3, 65.1.4, 65.1.5, 65.1.6, 65.2, 65.2.1.1, 65.2.1.1,  
65.2.3, 65.3, 65.4, 65.5, 65.5.1, 65.5.2, 65.2.3, 65.9.1, 65.10, 65.10.1, 65.10.1.1,  
65.10.1.1.1, 65.10.1.1.1.1, 65.10.1.1.1.2, 65.10.1.1.2, 65.10.1.1.3, 65.10.1.1.4,  
65.10.1.1.4.1, 65.10.1.1.4.2, 65.10.1.1.4.3, 65.10.1.2, 65.10.2, 65.10.2.1, 65.10.2.2,  
65.10.2.3, 65.10.2.4, 65.10.2.5, 65.10.2.6, 65.10.2.7, 65.10.3, 65.10.3.1, 65.10.3.2,

65.10.3.3, 65.10.3.4, 65.10.3.5, 65.10.3.6, 65.10.6.1, 65.10.6.2, 65.10.6.3, 65.10.3.7,  
65.10.3.8, 65.10.3.8.1, 65.10.3.8.2, 65.10.3.8.3, 65.10.3.9, 65.10.10, 65.10.3.10.1,  
65.10.3.10.1, 65.10.3.10.2, 65.10.3.11, 65.10.3.11.1, 65.10.3.11.2, 65.10.3.12,  
65.10.3.12.1, 65.10.3.12.2, 65.10.3.12.3, 65.10.3.12.4, 65.10.3.12.5, 65.10.3.12.6,  
65.10.13, 65.10.3.14, 65.10.3.14.1, 65.10.3.14.1.1, 65.10.3.14.1.2, 65.10.3.14.2,  
65.10.3.14.3, 65.10.3.14.3.1, 65.10.3.14.3.1.1, 65.10.3.14.3.1.2, 65.10.3.14.3.2,  
65.10.3.14.3.2.1, 65.10.3.14.3.2.2, 65.10.3.14.3.2.3, 65.10.3.14.3.2.4, 65.10.3.14.3.2.5,  
65.10.3.14.3.2.6, 65.10.3.14.3.2.7, 65.10.3.14.4, 65.10.3.14.4.1, 65.10.3.14.4.2,  
65.10.3.14.4.3, 65.10.3.14.5, 65.10.3.14.5.1, 65.10.3.14.5.2, 65.10.3.14.6, 65.10.3.14.1,  
65.10.3.14.2, 65.10.3.15, 65.10.3.15.1, 65.10.3.15.2, 65.10.3.15.2.1, 65.10.3.15.2.2,  
65.10.3.15.3, 65.10.3.15.3.1, 65.10.3.15.3.2, 65.10.3.15.3.3, 65.10.3.15.3.4,  
65.10.3.15.3.5, 65.10.3.15.3.6, 65.10.3.15.3.7, 65.10.3.15.3.8, 65.10.3.15.4,  
65.10.3.15.4.1, 65.10.3.15.4.2, 65.10.3.15.4.3, 65.10.3.15.5, 65.10.3.15.1, 65.10.3.15.2,  
65.10.3.15.7, 65.10.3.16, 65.10.3.17, 65.10.3.17.1, 65.10.3.17.2, 65.10.3.17.3, 65.10.3.18,  
65.10.3.18.1, 65.10.3.18.2, 65.10.3.19, 65.10.3.19.1, 65.10.3.19.2, 65.10.3.19.2.1,  
65.10.3.19.2.2, 65.10.3.19.3, 65.10.3.19.3.1, 65.10.3.19.3.2, 65.10.3.19.4, 65.10.3.20,  
65.10.3.21, 65.10.3.21.1, 65.10.3.21.2, 65.10.3.21.3, 65.10.3.21.4, 65.10.3.21.5,  
65.10.3.21.6, 65.10.3.22, 65.10.3.23, 65.10.3.24, 65.10.3.24.1, 65.10.3.24.2, 65.10.4,  
65.10.4.1, 65.10.4.2, 65.10.4.3, 65.10.4.4, 65.10.4.4.1, 65.10.4.4.2, 65.10.4.4.3, 65.10.4.5,  
65.10.4.5.1, 65.10.4.5.2, 65.10.4.5.3, 65.10.4.6, 65.10.4.6.1, 65.10.4.6.2, 65.10.4.6.3,  
65.10.4.7, 65.10.4.7.1, 65.10.4. 65.10.4.7.1.1, 65.10.4.7.1.2, 65.10.4.7.2, 65.10.4.8,  
65.10.4.8.1.1, 65.10.4.8.1.2, 65.10.4.2, 65.10.4.8.3, 65.10.4.8.4, 65.10.4.8.5, 65.10.4.9,  
65.10.4.9.1, 65.10.4.9.1, 65.10.4.9.1.1, 65.10.4.9.1.2, 65.10.4.9.2, 65.10.4.9.2.1,

65.10.4.9.2.2, 65.10.4.9.2.3, 65.10.4.9.2.4, 65.10.4.9.3, 65.10.4.9.3.1, 65.10.4.9.3.2,  
65.10.4.10, 65.10.4.11, 65.10.5, 65.10.5.1, 65.10.5.1.1, 65.10.5.1.2, 65.10.5.2, 65.10.5.3,  
65.10.5.3.1, 65.10.5.3.2, 65.10.5.4, 65.10.5.5, 65.10.6., 65.10.6.1, 65.10.6.2, 65.10.6.2.1,  
65.10.6.2.2, 65.10.6.2.3, 65.10.6.3.1, 65.10.6.2.3.2, 65.10.6.2.3.3, 65.10.6.2.3.4,  
65.10.6.2.3.5, 65.10.6.3, 65.10.6.4, 65.10.6.4.1, 65.10.6.4.2, 65.10.6.4.2.1, 65.10.6.4.2.2,  
65.10.6.4.3, 65.10.6.4.4, 65.10.6.4.5, 65.10.6.4.5.1, 65.10.6.4.6, 66.6.2 and 69.2.1.4.2.1

By Repealing from NFPA 101: Life Safety Code, 2015 Edition:

Sections 2.2 NFPA 13 2013, NFPA 13D 2013, NFPA 13R 2013, 3.3.140.1, 3.3.1.142.1,  
3.3.190.4, 4.5.8, 4.6.12.1, 4.6.12.3, 6.1.4.1, 7.2.1.5.12, 7.2.1.7.1, 7.2.1.7.3, 7.9.1.2,  
9.6.1.3, 9.7.5, 9.11.1, 11.8.3.1, 11.11.2.1, 12.2.4.1, 13.2.4.1, 14.7.2.3, 15.7.2.3, 16.6.1.1.2,  
16.6.1.4.1.1, 16.6.1.4.1.2, 16.6.1.7.1, 16.7.5, 17.6.1.1.2, 17.6.1.4.1.1, 17.6.1.4.1.2,  
17.6.1.7.1, 17.6.3.4.4, 17.7.5, 22.4.5.1.3, 22.4.5.1.4, 22.4.5.1.5, 23.4.5.1.3, 23.4.5.1.4,  
23.4.5.1.5, 24.1.1.2, 26.1.1.1, 32.3.1.3, 33.3.3.4.8.2, 36.4.4.7.3.2, 38.2.4.4(3)(a),  
Table:42.2.5 42.3.4.1.2, 42.3.4.1.3 Wherever NFPA 5000 or “The Building Code” is  
referenced throughout this Code, other than for extracted text, substitute the Baltimore  
County Building Code. All of the NFPA 101: Life Safety Code, 2015 Edition.

By Adding to NFPA 101: Life Safety Code, 2015 Edition:

Sections 2.2 NFPA 13 2016, NFPA 13D 2016, NFPA 13R2016, 2.2.1, 3.3.62.3,  
3.3.142.1, 3.3.190.12, 4.5.8, 4.6.12.1, 4.6.12.3, 4.7.1, 4.7.6, 4.8.2.4,  
6.1.4.1, 7.2.1.5.12, 7.2.1.6.3.1, 7.2.1.7.1, 7.2.1.7.3, 7.5.4.1.5, 7.9.1.2, 7.10.1.8.1, 9.6.1.3,  
9.6.2.6.1, 9.6.5.2.1, 9.7.1.1.1, 9.7.5, 9.11.1, 11.8.6.3, 11.8.3.1.1, 11.11.2.1, 12.2.4.1,  
13.2.4.1, 13.3.5.1.1, 14.3.5.6, 14.7.2.3, 15.3.5.6, 15.7.2.3, 16.1.1.9, 16.2.11.1.1(4),

16.6.1.1.2, 16.6.1.4.1.1, 16.6.1.4.1.2, 16.6.1.7.1, 16.6.2.1.1, 16.6.2.2, 16.6.2.3, 16.6.2.4.5, 16.6.3.4.3.1, 16.7.5, 16.7.5.1, 17.1.1.8, 17.2.11.1.1(4), 17.6.1.1.2, 17.6.1.4.1.1, 17.6.1.4.1.2, 17.6.1.7.1, 17.6.2.1.1, 17.6.2.2, 17.6.2.3, 17.6.2.4.5, 17.6.3.4.4, 17.7.5, 17.7.5.1, 22.4.5.1.3, 22.4.5.1.4, 23.4.5.1.3, 23.4.5.1.4, 24.1.1.2, 24.2.2.3.3(5), 24.2.2.3.3(6), 24.2.5.1.4, 26.1.1.1, 30.3.4.1.1.1, 30.3.4.1.1.1.1, 31.3.4.1.1, 31.3.4.1.1.1, 32.2.2.3.1(5), 32.2.2.3.1(6), 33.1.1.7, 33.2.2.3.1(5), 33.2.2.3.1(6), 33.3.3.4.8.1, 36.4.4.7.3.2, 38.2.4.4(3)(a), 42.3.4.1.2, 42.3.4.1.2.1, 42.3.4.1.3, 42.8.2.2.3.5, 43.8.3.4.1.3, All, of the NFPA 101 Life Safety Code, 2015 Edition.

#### By Repealing

Section 8.3.2 of NFPA 13D: Installation of Sprinkler Systems in One- And Two- Family Dwellings and Manufactured Homes, [2010] 2016 Edition.

Section 6.6.2 of NFPA 13R: Standard for the Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height, [2010] 2016 edition.

Sections 8.15.15.1, 8.15.8.1.1 and 23.4.4.10.1 of NFPA 13: Standard for the Installation of Sprinkler Systems, [2010] 2016 edition.

#### By Adding

Sections 5.3.2.2.1, 6.8.2.1.1, 8.15.14.1, and 23.4.4.10.1 to NFPA 13: Standard for the Installation of Sprinkler Systems, [2010] 2016 edition.



1 Sections 1.1.1(3), 1.6, 1.10 thru 1.10.6.6, 1.12.2, 1.12.2.1, 1.12.6.13\*, 1.12.8, Tables  
2 1.12.8(a)(b)(c)&(d), 1.13.2, 1.13.12.4, 1.16.4.2, 2.2 NFPA 150 & NFPA 5000, 3.2.2\*,  
3 3.3.183.6\*, 3.3.183.7\*, 3.3.183.22, 3.3.183.23.3, 3.3.183.25\*, 4.5.8.1, 4.5.8.3\*, 6.1.4.1\*,  
4 6.1.9.1\*, 10.1.2\*, 10.4.1, 10.4.2, 10.10.1, 10.10.1.1, 10.10.6 thru 10.10.6.2, 10.11.1.2, 10.11.1.3,  
5 10.13.1.1, 10.13.3.1, 10.13.9.1, 10.14.2, 10.14.11.2.6, 10.15.1, 10.15.2, 10.15.5, 10.18.7, 10.19.1,  
6 11.9.1, 13.1.4.1, 13.2.2.2, 13.3.2.1, 13.3.2.26.2.3\*, 13.3.3.1, 13.3.3.2, 13.5.2, 13.6.1.2\*,  
7 13.6.4.1.2.1\* thru 13.6.4.1.2.3, 13.7.2.28.1.1, 13.7.2.28.1.2, 14.13.1.2, 16.4.3.1.3\*, 18.1.3.1,  
8 18.1.3.2, 18.2.3.2.1, 18.5.3, 19.2.1.4, 20.3.4.1.1, 20.3.4.2.3.5.1, 20.3.4.2.3.6.1\*, 25.2.2.1,  
9 28.1.6.2.1.1, 31.3.6.3.1\* thru 31.3.6.3.2.3, chapter 35, 50.4.4.3.1\*, 65.2, 65.2.1, 65.2.2, 65.3,  
10 65.3.1, 65.3.2, 65.3.3, 65.4, 65.4.1, 65.4.2, 65.5, 65.5.1, 65.6, 65.7, 65.7.1, 65.7.2, 65.8, 65.8.1,  
11 65.8.2, 65.9, 65.9.1, 65.9.2.1, 65.9.2.2, 66.6.2.

12 **NFPA 101:** Life Safety Code, 2015 Edition: Sections 3.3.140.1, 3.3.1.142.1, 3.3.190.4, 4.5.8,  
13 4.6.12.1, 4.6.12.3, 6.1.4.1, 7.2.1.5.12, 7.2.1.7.1, 7.2.1.7.3, 7.9.1.2, 9.6.1.3, 9.7.5, 9.11.1, 11.8.3.1,  
14 11.11.2.1, 12.2.4.1, 13.2.4.1, 14.7.2.3, 15.7.2.3, 16.6.1.1.2, 16.6.1.4.1.1, 16.6.1.4.1.2, 16.6.1.7.1,  
15 16.7.5, 17.6.1.1.2, 17.6.1.4.1.1, 17.6.1.4.1.2, 17.6.1.7.1, 17.6.3.4.4, 17.7.5, 22.4.5.1.3, 22.4.5.1.4,  
16 22.4.5.1.5, 23.4.5.1.3, 23.4.5.1.4, 23.4.5.1.5, 24.1.1.2, 26.1.1.1, 32.3.1.3, 33.3.3.4.8.2,  
17 36.4.4.7.3.2, 38.2.4.4(3)(a), Table:42.2.5 42.3.4.1.2, 42.3.4.1.3

18 **NFPA 13:** Standard for the Installation of Sprinkler Systems, 2016 Edition, Sections 8.15.8.1.1,  
19 8.15.15.1, and 23.4.4.10.1

20 **NFPA 13R:** Standard for the Installation of Sprinkler Systems in Residential Occupancies Up  
21 To And Including Four Stories in Height, 2016 Edition, Section 6.6.2;

22 **NFPA 13D:** Standard for the Installation of Sprinkler Systems in One- And Two-Family  
23 Dwellings and Manufactured Homes, [2013] 2016 Edition, Section 8.3.2



1           **Section 5.** And be it further enacted, that the following sections are hereby added to  
2 NFPA 1: Fire Code, 2015 Edition, as part of the “Fire Prevention Code of Baltimore County”:  
3 Sections 1.1.1(3), 1.3.2.3.1, 1.3.2.1.1, 1.3.6.3.1, 1.6, 1.6, 1.7.7.7, 1.10, 1.10.5.1, 1.10.5.2,  
4 1.10.11.2, 1.10.16.6, 1.10.16.7, 1.12.1.1, 1.12.2, 1.12.2.1, 1.12.2.5, 1.12.2.6, 1.12.2.7, 1.13.2,  
5 1.16.6, 1.16.7, 2.2.1, 3.2.2\*, 3.2.3.1, 3.2.3.2, 3.2.3.3, 3.3.183.6\*, 3.3.183.7\*, 3.3.183.22,  
6 3.3.183.23.3, 3.3.183.25\*, 3.3.183.29, 3.3.278, 4.5.8.1, 4.5.8.3\*, 6.1.4.1\*, 6.1.9.1\*, 10.1.2\*,  
7 10.1.6.1, 10.4.1, 10.5.6.1, 10.10.1.1, 10.10.1.5, 10.10.1.6, 10.10.2.1, 10.10.5.3, 10.10.6,  
8 10.10.6.1, 10.11.1.1.1, 10.11.1.2, 10.11.1.3, 10.11.1.4, 10.11.1.5, 10.13.1.1, 10.13.1.2, 10.13.3.1,  
9 10.13.9.1, 10.14.2, 10.14.11.2.6, 10.15.1, 10.15.3.1, 10.15.5, 10.15.6, 10.15.7, 10.18.7, 10.18.7.1,  
10 10.19.1, 10.20, 11.1.7.3.2, 11.1.9, 11.3.6.1.1, 11.5.1.11.3, 11.5.2.4, 11.5.2.4.1, 11.5.2.4.2,  
11 11.5.2.4.3, 11.5.2.4.4, 11.9.1, 11.9.4(6), 11.12.1.1, 12.2.2.1.2, 11.12.2.2.2.3, 11.12.2.2.2.4,  
12 13.1.4.1, 13.2.1.1, 13.2.2.2, 13.3.1.1.1, 13.3.1.1.2, 13.3.1.1.3, 13.3.1.2.1, 13.3.1.2.2, 13.3.1.2.3,  
13 13.3.1.2.4, 13.3.1.2.5, 13.3.1.2.6, 13.3.1.2.7, 13.3.1.2.8, 13.3.1.8.3, 13.3.2.1, 13.3.2.1.1,  
14 13.3.2.26.2.3\*, 13.3.2.27.6, 13.3.3.1, 13.3.3.2, 13.3.3.4.1.8.1, 13.4.1.1.1, 13.4.6.4.3, 13.5.2,  
15 13.6.1.2, 13.6.1.2.1, 13.6.1.3.3.4, 13.6.1.6.1.2, 13.6.4.1.2.1, 13.6.4.1.1.7, 13.7.1.13.1.1,  
16 13.7.1.13.1.2, 13.7.1.13.1.3, 13.7.2.6.5, 13.7.2.13.3.3, 13.7.13.4.3, 13.7.13.5.3, 13.7.13.5.4,  
17 13.7.13.5.5, 13.7.2.28.1.2, 13.7.2.28.1.3, 13.7.3.1.2, 13.7.3.1.3, 13.7.3.2.3.5.6, 13.8.1, 13.8.2,  
18 13.8.3, 14.5.2.8.1(6), 14.13.1.2, 14.14.1.8.1, 16.4.3.1.3\*, 18.1.3.1, 18.1.3.2, 18.2.3.1.1.1,  
19 18.2.3.2.1, 18.2.3.5.3, 18.3.2, 18.3.2.1, 18.3.2.2, 18.5.1.7, 18.5.1.8, 18.5.7.3.1, 18.5.9.1,  
20 18.5.10.4, 18.5.10.5, 19.2.1.3.1, 19.2.1.4, 20.1.5.10.4, 20.1.5.10.4.4, 20.1.5.10.4.5, 20.2.4.6,  
21 20.3.4.1.1, 20.3.4.2.3.5.1, 20.3.4.2.3.6.1\*, 20.5.2.1.4, 25.2.2.1, 26.1.5.2, 26.1.5.3, 26.1.5.4, 26.3.1,  
22 28.1.6.2.1.1, 28.1.6.2.1.4, 28.1.6.3.8, 28.1.6.3.9, 28.1.6.3.10, 28.1.6.3.11, 28.1.6.3.12,  
23 28.1.6.3.13, 28.1.6.3.14, 28.1.6.3.15, 28.1.6.3.16, 28.1.6.3.17, 28.1.6.4.1, 28.1.6.4.2, 28.1.6.4.3,

1 29.1.4, 31.3.3.4.2.1, 31.3.6.2.2(9), 31.3.6.3.1\*, 42.7.5.5.1, 42.7.5.7, 42.7.5.8, 42.7.5.9, 50.1.5,  
2 50.2.1.10, 50.2.1.10.1, 50.2.1.10.2, 50.2.1.10.2.1, 50.2.1.10.2.2, 50.2.1.10.2.3, 50.2.1.10.2.4,  
3 50.2.1.10.2.5, 50.2.1.10.2.6, 50.2.1.10.3, 50.2.1.10.3.1, 50.2.1.10.3.2, 50.2.1.10.3.3, 50.4.4.3.1,  
4 50.5.2.9, 65.1.3, 65.1.4, 65.1.5, 65.1.6, 65.2, 65.2.1.1, 65.2.1.1, 65.2.3, 65.3, 65.4, 65.5, 65.5.1,  
5 65.5.2, 65.2.3, 65.9.1, 65.10, 65.10.1, 65.10.1.1, 65.10.1.1.1, 65.10.1.1.1.1, 65.10.1.1.1.2,  
6 65.10.1.1.2, 65.10.1.1.3, 65.10.1.1.4, 65.10.1.1.4.1, 65.10.1.1.4.2, 65.10.1.1.4.3, 65.10.1.2,  
7 65.10.2, 65.10.2.1, 65.10.2.2, 65.10.2.3, 65.10.2.4, 65.10.2.5, 65.10.2.6, 65.10.2.7, 65.10.3,  
8 65.10.3.1, 65.10.3.2, 65.10.3.3, 65.10.3.4, 65.10.3.5, 65.10.3.6, 65.10.6.1, 65.10.6.2, 65.10.6.3,  
9 65.10.3.7, 65.10.3.8, 65.10.3.8.1, 65.10.3.8.2, 65.10.3.8.3, 65.10.3.9, 65.10.10, 65.10.3.10.1,  
10 65.10.3.10.1, 65.10.3.10.2, 65.10.3.11, 65.10.3.11.1, 65.10.3.11.2, 65.10.3.12, 65.10.3.12.1,  
11 65.10.3.12.2, 65.10.3.12.3, 65.10.3.12.4, 65.10.3.12.5, 65.10.3.12.6, 65.10.13, 65.10.3.14,  
12 65.10.3.14.1, 65.10.3.14.1.1, 65.10.3.14.1.2, 65.10.3.14.2, 65.10.3.14.3, 65.10.3.14.3.1,  
13 65.10.3.14.3.1.1, 65.10.3.14.3.1.2, 65.10.3.14.3.2, 65.10.3.14.3.2.1, 65.10.3.14.3.2.2,  
14 65.10.3.14.3.2.3, 65.10.3.14.3.2.4, 65.10.3.14.3.2.5, 65.10.3.14.3.2.6, 65.10.3.14.3.2.7,  
15 65.10.3.14.4, 65.10.3.14.4.1, 65.10.3.14.4.2, 65.10.3.14.4.3, 65.10.3.14.5, 65.10.3.14.5.1,  
16 65.10.3.14.5.2, 65.10.3.14.6, 65.10.3.14.1, 65.10.3.14.2, 65.10.3.15, 65.10.3.15.1, 65.10.3.15.2,  
17 65.10.3.15.2.1, 65.10.3.15.2.2, 65.10.3.15.3, 65.10.3.15.3.1, 65.10.3.15.3.2, 65.10.3.15.3.3,  
18 65.10.3.15.3.4, 65.10.3.15.3.5, 65.10.3.15.3.6, 65.10.3.15.3.7, 65.10.3.15.3.8, 65.10.3.15.4,  
19 65.10.3.15.4.1, 65.10.3.15.4.2, 65.10.3.15.4.3, 65.10.3.15.5, 65.10.3.15.1, 65.10.3.15.2,  
20 65.10.3.15.7, 65.10.3.16, 65.10.3.17, 65.10.3.17.1, 65.10.3.17.2, 65.10.3.17.3, 65.10.3.18,  
21 65.10.3.18.1, 65.10.3.18.2, 65.10.3.19, 65.10.3.19.1, 65.10.3.19.2, 65.10.3.19.2.1, 65.10.3.19.2.2,  
22 65.10.3.19.3, 65.10.3.19.3.1, 65.10.3.19.3.2, 65.10.3.19.4, 65.10.3.20, 65.10.3.21, 65.10.3.21.1,  
23 65.10.3.21.2, 65.10.3.21.3, 65.10.3.21.4, 65.10.3.21.5, 65.10.3.21.6, 65.10.3.22, 65.10.3.23,

1 65.10.3.24, 65.10.3.24.1, 65.10.3.24.2, 65.10.4, 65.10.4.1, 65.10.4.2, 65.10.4.3, 65.10.4.4,  
2 65.10.4.4.1, 65.10.4.4.2, 65.10.4.4.3, 65.10.4.5, 65.10.4.5.1, 65.10.4.5.2, 65.10.4.5.3, 65.10.4.6,  
3 65.10.4.6.1, 65.10.4.6.2, 65.10.4.6.3, 65.10.4.7, 65.10.4.7.1, 65.10.4. 65.10.4.7.1.1, 65.10.4.7.1.2,  
4 65.10.4.7.2, 65.10.4.8, 65.10.4.8.1.1, 65.10.4.8.1.2, 65.10.4.2, 65.10.4.8.3, 65.10.4.8.4,  
5 65.10.4.8.5, 65.10.4.9, 65.10.4.9.1, 65.10.4.9.1, 65.10.4.9.1.1, 65.10.4.9.1.2, 65.10.4.9.2,  
6 65.10.4.9.2.1, 65.10.4.9.2.2, 65.10.4.9.2.3, 65.10.4.9.2.4, 65.10.4.9.3, 65.10.4.9.3.1,  
7 65.10.4.9.3.2, 65.10.4.10, 65.10.4.11, 65.10.5, 65.10.5.1, 65.10.5.1.1, 65.10.5.1.2, 65.10.5.2,  
8 65.10.5.3, 65.10.5.3.1, 65.10.5.3.2, 65.10.5.4, 65.10.5.5, 65.10.6., 65.10.6.1, 65.10.6.2,  
9 65.10.6.2.1, 65.10.6.2.2, 65.10.6.2.3, 65.10.6.3.1, 65.10.6.2.3.2, 65.10.6.2.3.3, 65.10.6.2.3.4,  
10 65.10.6.2.3.5, 65.10.6.3, 65.10.6.4, 65.10.6.4.1, 65.10.6.4.2, 65.10.6.4.2.1, 65.10.6.4.2.2,  
11 65.10.6.4.3, 65.10.6.4.4, 65.10.6.4.5, 65.10.6.4.5.1, 65.10.6.4.6, 66.6.2 and 69.2.1.4.2.1, to read  
12 as follows:

### 13 **Chapter 1 Administration and Enforcement**

14 **1:1.1.1(3)** Review of development plans, construction plans, drawings and specifications for life  
15 safety systems, fire protection systems, access, water supplies, processes, hazardous materials  
16 and other fire and life safety issues.

17 **1:1.3.2.1.1** Wherever NFPA 5000 or “The Building Code” is referenced throughout this Code,  
18 other than for extracted text, substitute the Baltimore County Building Code.

19 **1:1.3.2.3.1 Applicability of NFPA Standards:** Occupancies, structures, processes, equipment  
20 installations or other matters not otherwise covered by these regulations shall comply with the  
21 appropriate National Fire Protection Association codes, standards, and practices as deemed  
22 necessary by the Chief of the Fire Department or designee.

### 23 **1:1.3.3.3 PROOF OF LEGAL CHANGE OF USE AND OCCUPANCY OF EXISTING**

1 **BUILDINGS** THE FIRE CHIEF OR HIS DESIGNEE SHALL HAVE THE AUTHORITY TO  
2 REQUIRE SATISFACTORY EVIDENCE THAT A LEGAL CHANGE OF USE OR  
3 OCCUPANCY IN COMPLIANCE WITH APPLICABLE FIRE AND BUILDING CODES  
4 WAS GRANTED BY BALTIMORE COUNTY.

5 **1:1.3.6.3.1 Application of Other Codes:** All alterations to an existing building which are caused  
6 directly or indirectly by the enforcement of this code shall be done in accordance with the  
7 applicable codes, procedures and provisions currently in force in Baltimore County, Maryland.

8 **1:1.6 Enforcement:** The Chief of the Fire Department or the Chief’s designee is hereby charged  
9 with the duty of enforcing and administering the provisions of the Fire Prevention Code of  
10 Baltimore County and is authorized to delegate such duties to such personnel as necessary for the  
11 proper enforcement of the code.

12 **1:1.6.1. Prosecution of Violation:** The “Authority Having Jurisdiction” (AHJ) as defined in  
13 Chapter 3 “Definitions” of this Fire Prevention Code shall have the authority to institute or cause  
14 to be instituted an appropriate action for any violation of the Baltimore County Fire Prevention  
15 Code in accordance with Article 3, Title 6 of the Baltimore County Code, 2003, or a proceeding  
16 at law or in equity, which may be necessary and proper, to restrain, correct or abate such  
17 violation or to require the removal or termination of the unlawful use of the building or structure,  
18 or condition in violation of the provisions of this Code or the order or direction made pursuant  
19 thereto.

20 **1:1.7.7.7 Required Inspections:** The Chief or designee shall annually inspect all structures and  
21 premises, except single-family dwellings and dwelling units in multiple family dwellings, for the  
22 purposes of ascertaining and causing to be corrected any conditions liable to cause fire,  
23 contribute to the spread of fire, interfere with fire-fighting operations, endanger life or any

1 violations of the provisions or intent of this code or any other ordinance affecting fire and or life  
2 safety.

3 **1:1.10 Appeals:** Any person aggrieved by an order, decision, interpretation or action of the Chief  
4 or designee, based upon or made in the course of the administration or enforcement of the “Fire  
5 Prevention Code of Baltimore County” may appeal. The appeal process shall be as follows:

6 1) A written appeal to the Office of the Fire Marshal which will be reviewed, researched,  
7 and responded to within 20 days.

8 2) Appealing the decision rendered by the Office of the Fire Marshal shall be submitted  
9 to the county board of appeals as provided in Article VI of the Baltimore County Charter.

10 **1:1.12.1 Permits Required:** Permits and fire inspection certificates shall be obtained from the  
11 Chief or designee for all structures and premises required to be inspected under section  
12 1:1.7.7.7 of the Fire Code in accordance with the local adopting legislation. Permit and fire  
13 inspection certificate fees, if any, shall be established in accordance with section 3-1-202 of the  
14 Baltimore County Code, 2003. Issued permits and fire inspection certificates shall be kept on the  
15 premises designated therein at all times and shall be readily available for inspection by the Chief  
16 or designee.

17 **1:1.12.2 Permit Application:** Application for a permit or fire inspection certificate required by  
18 this code shall be made to the Chief or designee on form(s) provided. Applications for permits  
19 shall be accompanied by documents required for evaluation of the application.

20 **1:1.12.2.1 Payment of Fees:** A permit or fire inspection certificate shall not be valid unless the  
21 designated fees have been paid.

22 **1:1.12.2.5 Review of Fees:** The fee schedule shall be reviewed annually in accordance with  
23 section 3-1-202 of the Baltimore County Code, 2003 to ensure that the moneys collected shall at

1 least cover the costs of administering plan review and conducting inspections.

2 **1:1.12.2.6 Fire Inspection Certificate:** All occupancies required by this act to obtain a fire  
3 inspection certificate shall not be maintained, operated or occupied as such without securing said  
4 certificate from the Chief or designee within the time frame specified by the Chief or designee.

5 **1:1.12.2.7 Collection of Past Due Fees:** Inspections fees which become delinquent as  
6 determined by the Fire Marshal's Office will be forwarded to the Director of Budget and Finance  
7 for Collections.

8 **1:1.13.2** The AHJ may require certificates of fitness and collect fees for individuals or companies  
9 performing any of the following activities:

10 (1) Use of explosive materials

11 (2) Fireworks displays involving display fireworks, 1.3G

12 **1:1.16.6 Waiver of Appeal:** An application for an extension of time to correct any violation  
13 shall be deemed to be an admission that the notice of violation is factually and procedurally  
14 correct and that the violations do or did exist.

15 **1:1.16.7 Reimbursement for Fire Suppression:** When the owner or tenant has been given  
16 notice of the existence of a violation of this code and has not made a good faith effort to abate the  
17 violations, the owner or tenant shall be liable for a penalty in the amount of the actual cost to the  
18 Fire Department of suppressing any fire resulting from the violation. The Chief of the Fire  
19 Department shall certify such cost.

## 20 **Chapter 2 Referenced Publications**

21 **1:2.2 NFPA 13** Standard for Installation of Sprinkler Systems 2016 edition.

22 **NFPA 13D** Standard for Installation of Sprinkler Systems in One and Two Family Dwelling  
23 2016 edition.

1 **NFPA 13R** Standard for Installation of Sprinkler Systems in Low-Rise Residential Occupancies  
2 2016 edition.

3 **1:2.2.1** Wherever NFPA 5000 or “The Building Code” is referenced, other than for extracted  
4 text, substitute the Baltimore County Building Code.

5 **Chapter 3 Definitions**

6 **1:3.2.2\*** “**Authority Having Jurisdiction**”, “AHJ”, “Chief”, “Chief of the Fire Department”,  
7 “Fire Chief” or “Fire Official” - means the Chief of the Baltimore County Fire Department or  
8 designee.

9 **1:3.2.3.1 Fire Code:** “Baltimore County Fire Prevention Code”, “Fire Prevention Code” or “this  
10 code” mean the “Fire Prevention Code of Baltimore County”.

11 **1:3.2.3.2 “NFPA”:** Means National Fire Protection Association.

12 **1:3.2.3.3 Building Code:** Means the Baltimore County Building Code. Wherever NFPA  
13 5000 is referenced throughout this Code, other than for extracted text, substitute the Baltimore  
14 County Building Code.

15 **1:3.3.14.13 CONSUMER FIREWORKS RETAIL SALES AREA:** THE PORTION OF A  
16 CONSUMER FIREWORKS RETAIL SALES FACILITY OR STORE, INCLUDING THE  
17 IMMEDIATELY ADJACENT AISLES, WHERE CONSUMER FIREWORKS ARE  
18 LOCATED FOR THE PURPOSE OF RETAIL DISPLAY OR SALE TO THE PUBLIC.

19 **1:3.3.183.6\* Day-Care Home:** A building or portion of a building in which not more than  
20 12 clients receive care, maintenance, and supervision, by other than their relative(s) or legal  
21 guardian(s), for less than 24 hours per day.

22 **1:3.3.183.7\* Day-Care Occupancy:** Means an occupancy in which clients receive care,  
23 maintenance, and supervision, by other than their relatives or legal guardians, for less than 24

1 hours per day.

2 **1:3.3.183.22 One and Two Family Dwellings**, Include buildings containing not  
3 more than two dwelling units in which each dwelling unit is occupied by members of a single  
4 family with not more than three outsiders (NFPA 1:3.3.190.1), if any, accommodated in rented  
5 rooms.

6 **1:3.3.183.23.3 Open Parking Structure**: A parking structure that meets the  
7 requirements for open parking structures of NFPA 88A.

8 **1:3.3.183.25 \* Residential Board and Care Occupancy**: An occupancy used for  
9 lodging and boarding of four or more residents, not related by blood or marriage to the owners or  
10 operators, for the purpose of providing personal care services.

11 **1:3.3.183.29 Use Group Classification**: All buildings and structures shall be classified with  
12 respect to use in one of the 10 occupancy groups listed in the Baltimore County

13 Building Code:

14 Classification of Occupancy Groups

15 Group A - Assembly

16 Group B - Business

17 Group E - Educational

18 Group F - Factory and Industrial

19 Group H - High Hazard

20 Group I - Institutional

21 Group M - Mercantile

22 Group R - Residential

23 Group S - Storage



1           Group U           - Utility and Miscellaneous

2   **1:3.3.278 FIREWORKS:** ANY COMPOSITION OR DEVICE FOR THE PURPOSE OF  
3   PRODUCING A VISIBLE OR AUDIBLE EFFECT FOR ENTERTAINMENT PURPOSES BY  
4   COMBUSTION, DEFLAGRATION OR DETONATION, AND THAT MEETS THE  
5   DEFINITION OF CONSUMER FIREWORKS OR DISPLAY FIREWORKS AS SET FORTH  
6   IN NFPA 1124 CODE FOR THE MANUFACTURE, TRANSPORTATION, STORAGE, AND  
7   RETAIL SALES OF FIREWORKS AND PYROTECHNIC ARTICLES, 2006 EDITION, AND  
8   AS REFERENCED IN PUBLIC SAFETY ARTICLE, §10-101, ANNOTATED CODE OF  
9   MARYLAND.

10 **1:3.3.279 OUTSIDER:** A PERSON NOT RELATED BY BLOOD, MARRIAGE OR  
11 ADOPTION.

12 **Chapter 4 General Requirements**

13 **1:4.5.8.1 Maintenance:** Whenever or wherever any device, equipment, system, condition,  
14 arrangement, level of protection, fire-resistive construction, or any other feature is required, such  
15 device, equipment, system, condition, arrangement, level of protection, fire-resistive  
16 construction, or other feature shall thereafter be continuously maintained in accordance with  
17 applicable NFPA requirements or requirements developed as part of a performance-based design,  
18 or as directed by the AHJ. (101:4.6.12.1)

19 **1:4.5.8.3\* Maintenance:** Maintenance of existing life safety features obvious to the public, if  
20 not required, shall be either maintained or removed. (101:4.6.12.3)

21 **1:4.5.8.8 Maintenance:** All equipment, systems, devices and safeguards required by this code or  
22 a previous statute or code for the structure or premises when erected or altered shall be  
23 maintained in good working order by the owner. The requirements of this code are not intended

1 to provide the basis for removal or abrogation of fire protection and safety systems and devices  
2 in existing structures.

3 **1:4.5.8.9 Maintenance:** Fusible Link Replacement any fusible link that is painted, corroded,  
4 damaged or loaded with foreign materials shall be replaced.

## 5 **Chapter 6 Classification of Occupancy**

6 **1:6.1.4.1\* Day-Care Occupancy:** Means an occupancy in which clients receive care,  
7 maintenance, and supervision, by other than their relatives or legal guardians, for less than 24  
8 hours per day.

9 **1:6.1.9.1 \* Residential Board and Care Occupancy.** An occupancy used for  
10 lodging and boarding of four or more residents, not related by blood or marriage to the owners or  
11 operators, for the purpose of providing personal care services.

## 12 **Chapter 10 General Provisions**

13 **1:10.1.2\* Life Safety Code:** Every new and existing building shall comply with this code  
14 and NFPA 101, Life Safety Code, except as amended by COMAR 29.06.01.07, COMAR  
15 29.06.01.08, and COMAR 29.06.01.09.

16 **1:10.1.6.1 Candles:** A person shall not use or allow to be used, any open flame, burning candle  
17 or candles in connection with any public meeting or gathering in any occupancy open to the  
18 public without first obtaining approval from the Fire Chief or designee. Candles are permitted to  
19 be used in connection with any worship service if they are used and located in such a manner as  
20 not to create a fire hazard or other potentially dangerous condition.

21 **1:10.4.1\*** Persons shall not fail to leave a building when notified to do so or when directed by the  
22 AHJ or Incident Commander as a result of a known or perceived emergency.

23 **1:10.4.2\*** Person shall not fail to leave any overcrowded premises when ordered to do so by the

1 AHJ or Incident Commander.

2 **1:10.5.6.1 Fire Exit Drills:** Where not otherwise specified within this code, frequency and need  
3 for fire exit drills shall be determined by the fire official for each occupancy. A record of fire  
4 exit drills shall be kept on the premises and made available to the fire official at the time of  
5 annual fire inspection. Each record shall contain information indicating the time of the drill,  
6 date, weather conditions, number of occupants evacuated, and evacuation time.

7 **1:10.10.1.1 Permits:** Permits shall not be required for small recreational fires (NO LARGER  
8 THAN THREE (3) FEET IN DIAMETER) AND COOKING FIRES (NO LARGER THAN  
9 THREE (3) FEET IN DIAMETER), including campfires, barbecue grills, broilers, and hibachis,  
10 which are constantly attended BY SOMEONE THAT IS 18 YEARS OF AGE OR OLDER AND  
11 IN DIRECT VIEW OF THE FIRE, and for which routine precautions against spread of fire have  
12 been taken. THE FIRE SHALL BE ATTENDED UNTIL THE FIRE IS COMPLETELY  
13 EXTINGUISHED.

14 **1:10.10.1.5 Burning Permit Required:** No person shall kindle, maintain nor permit to  
15 be kindled or maintained, any bonfire, rubbish fire or other open burning upon any public street,  
16 alley, road or other public property, nor upon any private property unless the owner of the  
17 property where the fire is maintained has first obtained a permit. The required burning permit  
18 shall be kept at the site of the fire during burning operations. THE FIRE WILL BE  
19 CONSTANTLY ATTENDED BY SOMEONE THAT IS 18 YEARS OF AGE OR OLDER  
20 AND IN DIRECT VIEW OF THE FIRE, AND FOR WHICH ROUTINE PRECAUTIONS  
21 AGAINST SPREAD OF FIRE HAVE BEEN TAKEN. THE FIRE SHALL BE ATTENDED  
22 UNTIL THE FIRE IS COMPLETELY EXTINGUISHED.

23 **1:10.10.2:** The AHJ shall have the authority to prohibit any or all open flames, candles, sky

1 lanterns, and open, recreational, and cooking fires or other sources of ignition, or establish  
2 special regulations on the use of any form of fire or smoking material where circumstances make  
3 such conditions hazardous.

4 **1:10.10.2.1 Outdoor Burning Restriction:** For other than cooking and recreational fires, no  
5 burning is allowed within the perimeter of Interstate Highway 695 (I-695), the Baltimore  
6 Beltway.

7 **1:10.10.5.3 Fire Attendant:** A bulldozer with a competent operator shall be maintained at any  
8 large fire until such fire is completely extinguished, in order that the bulldozer may be used to  
9 control the fire by covering it with earth or by using other means of extinguishments, if the need  
10 arises.

#### 11 **1:10.10.6 Cooking and Heating Devices**

12 **1:10.10.6.1** For other than one- and two-family dwellings, no hibachi, gas-fired grill, charcoal  
13 grill, electric grill, deep fryer, fuel fired heating or cooking device, or other similar devices used  
14 for cooking, heating, or any other purpose, be stored, used, or kindled on any balcony, patio, or  
15 under any overhanging portion or within 15 feet of any multifamily occupancy.

#### 16 **Premises Identification**

17 **1:10.11.1.1.1** Subject to the approval of the AHJ, individual suites within structures and rear  
18 exterior entrances and/or access from service corridors shall be clearly identified.

19 **1:10.11.1.2** Premises identification shall contrast with their background.

20 **1:10.11.1.3** Premises identification shall be Arabic numbers or alphabet letters.

21 **1:10.11.1.4** Where required by the AHJ, symbols in compliance with NFPA 170: Standard for  
22 Fire Safety and Emergency Symbols shall be used.

23 **1:10.11.1.5** Premises identification shall be a minimum size of 6 inches for commercial property

1 and 3 inches for residential property. Existing digits may be allowed to continue in use subject  
2 to the approval of the fire marshal.

3 **1:10.13.1.1 COMBUSTIBLE VEGETATION:** UNLESS OTHERWISE APPROVED BY  
4 THE AHJ, CHRISTMAS TREE PLACEMENT WITHIN BUILDINGS SHALL COMPLY  
5 WITH TABLE 1:10.13.1.1(NFPA 1 2015)

6 **1:10.13.1.2 Combustible Vegetation:** The AHJ shall:

7 (1) Approve the placement of a natural cut or balled tree.

8 (2) Limit the number of natural cut or balled trees displayed.

9 (3) Order the removal of any tree if the tree poses a hazard to life or safety.

10 **1:10.13.3.1** Artificial vegetation and artificial Christmas trees shall be labeled or otherwise  
11 identified or certified by a testing laboratory recognized by the Office of the State Fire Marshal  
12 as being fire retardant.

13 **1:10.13.9.1** Where a natural cut tree is permitted, the bottom end of the trunk shall be cut off  
14 with a straight fresh cut at least 2 in. (50 mm) above the end prior to placing the tree in a stand to  
15 allow the tree to absorb water. A natural cut tree shall not exceed 10 ft. (3m) in height, excluding  
16 the tree stand.

### 17 **Outdoor Events**

18 **1:10.14.2** The AHJ shall be permitted to regulate all outdoor events such as, but not limited to,  
19 carnivals and fairs as it pertains to access for emergency vehicles; access to fire protection  
20 equipment; placement of stands, concession booths, and exhibits; and the control of hazardous  
21 conditions dangerous to life and property.

22 **1:10.14.11.2.6** A fuel break of a minimum 20 ft. (6m) wide shall be cleared between a crop maze  
23 and any vehicles, buildings or vegetation outside the maze.

1 **Outside Storage**

2 **1:10.15.1** Outside storage of combustible materials shall not be located within 15 FT. (4.6m) of a  
3 property line, building, or adjacent pile of combustible material.

4 **1:10.15.3.1** The separation distance shall be allowed to be increased where the AHJ determines  
5 that a higher hazard to the adjoining property exists.

6 **1:10.15.5** Combustible storage in the open shall not exceed 20 ft. (6.1m) in height or 10,000 ft<sup>2</sup>  
7 in area.

8 **1:10.15.6 Fire Access for Outside Storage:** Approved aisles, driveways and uniform  
9 passageways shall be provided to permit access for fire-fighting operations.

10 **1:10.15.7 Outside Combustible Material Storage:** The Fire Chief or designee may require that  
11 storage upon any land of any combustible material in quantities that require a permit or that pose  
12 a fire exposure hazard shall be enclosed by an approved fence or other protective device.

13 **1:10.18.7 Fueled Equipment,** including but not limited to motorcycles, mopeds, lawn care  
14 equipment and portable cooking equipment, shall not be stored, operated, or repaired within a  
15 building, on a balcony, or under any overhanging portion, except under one of the following  
16 conditions:

17 (1) The building or room has been constructed for such use in accordance with the  
18 building code.

19 (2) The use is allowed by other provisions of this code.

20 **1:10.18.7.1 Fueled Equipment,** including but not limited to motorcycles, mopeds, lawn care  
21 equipment, and portable cooking equipment, shall not be stored, operated, or repaired, in a non-  
22 approved parking area within 15 FT. of a building entrance/egress.

23 **1:10.19 Indoor Children’s Playground Structures**

1 **1:10.19.1** Structures intended as Children’s Playgrounds, installed indoors and which exceed 10  
2 ft. (3.1m) in height or 160 ft<sup>2</sup> (14.9 m<sup>2</sup>) in area shall comply with specifications in 10.19.1.1

3 **1:10.20 Flame Retardants:** An individual, firm or corporation may not sell or offer for sale in  
4 Baltimore County, any type of flame retardant, flame proofing or fire extinguishing compound,  
5 powder or liquid unless the product is listed by Underwriters’ Laboratories, Inc., or other  
6 recognized independent testing laboratory acceptable to the Chief or designee.

7 **Chapter 11 Building Services**

8 **1:11.1.7.3.2 Doors To Electrical Control Panel Rooms** shall be marked with a plainly visible  
9 and legible sign stating electrical room or similar approved wording in letters contrasting to their  
10 background, not less than 1 in. (25mm) high and not less than ¼ in. (6.4mm) in stroke width.

11 **1:11.1.9 Electric Service Clearance.** A clear space of not less than 30 inches (762mm) in width,  
12 36 inches (914mm) in depth, and 78 inches (1981mm) in height shall be provided in front of  
13 electrical service equipment. Where electrical service equipment is wider than 30 inches  
14 (762mm), the clear space shall not be less than the width of the equipment. No storage of any  
15 materials shall be located within the designated clear space. Exception: where other specialized  
16 dimensions are required or permitted by NFPA 70 National Electrical Code.

17 **1:11.3.6.1.1** All fire service elevator keys within the jurisdiction shall be uniform and specific for  
18 the jurisdiction. All new keys shall be cut to a uniform key code to comply with the Maryland  
19 State Elevator Code.

20 **1:11.5.1.11.3 CLOTHES DRYER EXHAUST INSTALLATION: DRYER EXHAUST**  
21 **DUCTS FOR CLOTHES DRYERS SHALL TERMINATE ON THE OUTSIDE OF THE**  
22 **BUILDING AND SHALL BE EQUIPPED WITH A BACKDRAFT DAMPER. SCREENS**  
23 **SHALL NOT BE INSTALLED AT THE DUCT END.**

1 **1:11.5.2.4 Unvented Portable Kerosene-Fired Heaters:**

2 **1:11.5.2.4.1** The sale or use of un-vented portable kerosene-fired heaters shall be permitted only  
3 if the heater or appliance meets UL subject 647 and bears a label so listing.

4 **1:11.5.2.4.2** With the written consent of the property owner, un-vented portable kerosene-fired  
5 heaters may be used subject to the following conditions:

6 (1) The use in residential occupancies shall be restricted to only one and two family dwellings.

7 (2) Kerosene heaters are prohibited in multifamily occupancies.

8 (3) The units may be used in the course of hunting or camping activities.

9 (4) The units may be used in agricultural buildings and in outbuildings. That is, a building used  
10 in connection with the main building, but smaller than the main building and located separate and  
11 apart from the main building.

12 (5) The units may be used in buildings under construction.

13 (6) The units may be used in certain “commercial establishments” where not otherwise prohibited  
14 by this code. Portable kerosene heaters may not be located in such a manner as to obstruct exits.

15 **1:11.5.2.4.3** Un-vented portable kerosene-fired heaters are prohibited in the following  
16 occupancies:

17 (1) Places of assembly

18 (2) Day-care Centers

19 (3) Educational occupancies

20 (4) Health Care occupancies

21 (5) Hotels and motels

22 (6) Buildings where open flame devices would readily ignite flammable liquid vapor, explosives,  
23 or dust



1 (7) Buildings over 3 stories in height

2 **1:11.5.2.4.4** The manufacturer shall affix to each portable kerosene heater, in a safe and  
3 prominent place, a non-detachable warning label which states: “Warning: this unit must be used  
4 in an area, which has proper ventilation. Consult owner’s manual for details and instructions.  
5 Use of this heater may be dangerous to persons with respiratory or circulatory disorders. Only  
6 “water-clear” kerosene meeting 1-k (ASTM) specifications should be used in this heater. This  
7 device must not be operated while the building is unattended.”

8 **1:11.9.1 The Emergency Command Center** location, design, content, and fire department  
9 access shall be approved by AHJ.

10 **1:11.9.4(6)** SDS (Safety Data Sheets.)

## 11 **11.12 Photovoltaic Systems**

12 **1:11.12.1.1** Provisions of this Section shall not apply to detached parking shade structures,  
13 carports, solar trellises, and similar structures.

14 **1:11.12.2.2.1.2 Exception:** where a single 4 feet wide clear pathway is installed in the center  
15 third of the roof length and is not located over a window or door opening and with no overhead  
16 obstructions such as tree limbs, wires or signs, a single pathway shall be allowed.

17 **1:11.12.2.2.1.3 Exception:** where there is more than one pathway on a roof, only one of the  
18 roof access points must be in a location where the fire department ladders are not placed over  
19 openings (windows and doors).

20 **1:11.12.2.2.3 Chimney Access:** a minimum of 3 feet clear space will be provided around all  
21 solid fuel-burning chimneys for emergency access.

22 **1:11.12.2.2.4 Allowance for Wiring to Cross Pathways:** all wiring shall be allowed to cross  
23 pathways and shall be designed to take the shortest path from the array to the dc combiner box,

1 be clearly identified, and be in rigid metal conduits, schedule 80 pvc, or emt. All raceways must  
2 be kept as close as possible to the roof surface so as to not present a tripping hazard while still  
3 permitting water to flow underneath the raceway. Vents and plumbing vents within a pathway  
4 will not affect measurement of a setback.

5

## 6 **Chapter 13 Fire Protection Systems**

7 **1:13.1.4.1 Fire Department Connection Access:** No material, obstruction, or vehicle shall be  
8 placed within fifteen (15) feet of any fire department connections. Fire department connections  
9 feeding standpipe systems or automatic sprinkler systems shall be installed in a location  
10 approved by the chief or designee as found in Baltimore County Fire Department, Standard  
11 Design Bulletin 87-1.

### 12 **Standpipe Systems**

13 **1:13.2.1.1 Floor Control Valves:** In multi-story buildings where fire resistive stair enclosures  
14 are required, standpipe risers with sprinkler floor control valves shall have floor control valves  
15 located within fire resistive stair enclosures.

16 **1:13.2.2.2 All New Buildings** shall be equipped with approved standpipe systems where required  
17 by the International Building Code as incorporated by reference by the Maryland Building  
18 Performance Standards. Where a Class III system is required, a Class I system shall be permitted.

### 19 **Automatic Sprinklers**

20 **1:13.3.1.1.1 Design Of Plans:** Design of plans and preparation of calculations for automatic  
21 sprinkler and spray fire suppression systems, fire standpipe systems and fire pumps shall be  
22 prepared under supervision of a registered professional engineer, competent in the field of fire  
23 protection engineering and automatic sprinkler system design or a certified engineering

1 technician possessing a level III or higher certification in automatic sprinkler system layout from  
2 the national Institute of Certification in Engineering Technologies (NICET). Plans shall be  
3 signed, giving NICET level and certification number, or by seal of a professional engineer who  
4 is registered in the state of Maryland.

5 **1:13.3.1.1.2 Plans and Calculations Required at Site:** A copy of the as-built sprinkler plans  
6 and hydraulic calculations for every sprinkler system shall be kept permanently on site in a water  
7 resistant tube or box affixed to the sprinkler riser in the control valve room.

8 **1:13.3.1.1.3 Sprinkler Systems Hydraulic Calculations:** The velocity pressure method of  
9 hydraulic calculation shall not be utilized in calculating sprinkler or standpipe system demands.

10 **1:13.3.1.2.1** For new ceiling installations, drop-out ceilings as referenced in NFPA 13,  
11 Subsection 8.15.15, shall be prohibited.

12 **1:13.3.1.2.2 Dry Pipe Trip Test:** All dry pipe sprinkler systems shall be capable of providing  
13 water to the inspector's test within 60 seconds.

14 **1:13.3.1.2.3 Water Flow Alarm:** A water flow alarm, where required, will result in an audible  
15 alarm on the premises within 60 seconds after flow begins.

16 **1:13.3.1.2.4 Service Chute Sprinklers:** In buildings greater than three stories, building service  
17 chute sprinklers shall have a separate fire alarm zone.

18 **1:13.3.1.2.5 Control Valve Location:** Sprinkler control valves must be located in an area that is  
19 accessible to sprinkler maintenance personnel without entering through or into an individual  
20 dwelling unit unless the valve controls only that portion of the system protecting that dwelling  
21 unit.

22 **1:13.3.1.2.6 Signage:** Signage shall be installed on control valves or access panels to 13D and  
23 13R sprinkler systems stating the following: “ Caution, sprinkler system piping, do not disturb

1 insulation” - “Before altering system or taking system out of service, contact the Baltimore  
2 County Fire Department Fire Marshal’s Office (410) 887-4880”.

3 **1:13.3.1.2.7 Quick Response Heads Required:** When required by this code, all use group A  
4 (assembly), use group I (institutional), use group R (residential), and high-rise sprinkler systems  
5 shall utilize quick response or residential sprinkler heads, listed by a recognized independent  
6 testing laboratory, and installed in compliance with their listing.

7 **1:13.3.1.2.8 Dry Pipe Systems Prohibited:** Dry pipe sprinkler systems shall not be installed in  
8 normally occupied areas unless approval is obtained from the Baltimore County Fire Chief or  
9 designee.

10 **1:13.3.1.8.3 Supervision of Fire Suppression Systems:** Fire suppression systems in new  
11 buildings and existing buildings shall be supervised by locking valves in the open position and in  
12 accordance with NFPA 72 by one of the following methods:

- 13 (1) Approved central station system
- 14 (2) Approved proprietary system
- 15 (3) Approved remote station system
- 16 (4) Approved local alarm service that will cause the sounding of an audible signal at a constantly  
17 attended location in accordance with NFPA 72.

18 Exceptions:

- 19 (1) Underground gate valves with roadway boxes.
- 20 (2) Halogenated or other clean agent extinguishing systems.
- 21 (3) Carbon dioxide extinguishing systems.
- 22 (4) Dry chemical extinguishing systems.
- 23 (5) Water sprinkler system when servicing 20 or fewer sprinklers.

1 (6) Systems installed in compliance with NFPA 13D, "Standard for the installation of sprinkler  
2 systems in one and two family dwellings and mobile homes".

3 (7) Systems installed in compliance with NFPA 13R that are not equipped with a separate control  
4 valve.

5 **1:13.3.2.1 Where Required:** Where required by this code, the referenced codes and standards  
6 listed in chapter 2 of NFPA 1, or the Baltimore County Building Code, automatic sprinkler  
7 systems shall be installed in accordance with NFPA 1 section 13.3.1.

8 **1:13.3.2.1.1 All New Buildings** shall be equipped with an automatic sprinkler system or other  
9 automatic fire suppression system where required by the International Building Code as  
10 incorporated by reference by the Maryland Building Performance Standards.

11 Exception: Day Care facilities that comply with the sprinkler requirements of NFPA 101 Life  
12 Safety Code (2015) edition.

13 **1:13.3.2.26.2.3\* Existing High-Rise Buildings:** The entire building shall be required to be  
14 protected by an approved automatic sprinkler system by October 13, 2013.

15 Exception: in the case of a residential building established as a condominium or cooperative  
16 regime:

17 (1) After receiving notice, a building owner(s) shall file with the Authority Having Jurisdiction  
18 for approval the estimate and statement required by subsection (2). The filing shall be made on  
19 or before January 1, 2003.

20 (2) A building owner(s) shall file an estimate of the cost of compliance with this regulation,  
21 including the cost for hazard insurance without compliance and the cost for hazard insurance  
22 with compliance, and a statement of intent to comply with this regulation or in the case of a  
23 residential building established as a condominium or cooperative regime, a statement, on a form

1 determined by the authority having jurisdiction, signed by at least seventy-five percent (75%) of  
2 all condominium unit ownership or cooperative unit shareholders authorizing and accepting a  
3 waiver of compliance with this regulation, notwithstanding any risk of non-compliance. The  
4 building owner may amend the statement of waiver at any time by giving notice to the authority  
5 having jurisdiction. The authority having jurisdiction may request that the owner conduct a  
6 recertification process, every four years or more from the last date of acceptance of a waiver, in  
7 order to obtain a renewed statement of waiver of compliance.

8 (3) The authority having jurisdiction shall review and respond to the filing within 60 days of  
9 receipt.

10 (4) The entire building shall be required to be protected by an approved, automatic sprinkler by  
11 October 13, 2013, unless the statement of waiver authorized by subsection (2) is filed with the  
12 Authority Having Jurisdiction.

13 **1:13.3.2.27.6 Speculative Warehouse Automatic Sprinkler System**

14 **Design:** The following criteria shall be incorporated into the design of automatic sprinkler  
15 systems proposed for new or renovated speculative warehouse buildings.

16 (1) The system shall be designed to protect:

17 (A) NFPA 13 class IV commodities in solid piles protected for the maximum possible storage  
18 height for the building,

19 (B) NFPA 13 class IV commodities in rack storage with 8 feet aisles with no in-rack sprinklers,

20 And:

21 (C) NFPA 13 Group “A” plastics using in-rack sprinklers and designed to provide an additional  
22 300 gpm at the base of the riser.

23 (2) If ESFR sprinklers are used, the design criteria shall be based on the full height of the

1 building and storage height limit. An additional 500 gpm shall be added at the base of the riser  
2 for in-rack sprinklers [required by design] WHEN THE ESFR TABLE IN NFPA 13 REQUIRES  
3 IN-RACKS DUE TO K-FACTOR OR HEIGHT OF BUILDING. A permanent metal or rigid  
4 plastic sign shall be provided at the riser stating the commodity class protected, storage  
5 arrangement, and maximum storage height. A facsimile of the sign shall be submitted with the  
6 sprinkler plans. The minimum design shall be based on storage of class IV commodities up to 20  
7 feet but shall not be less than the storage height that the building is able to accommodate.

### 8 **Sprinkler Maintenance**

9 **1:13.3.3.1** A sprinkler system shall be properly maintained to provide at least the same level of  
10 performance and protection as designed. The owner shall be responsible for maintaining the  
11 system and keeping it in good working condition.

12 **1:13.3.3.2** A sprinkler system shall be inspected, tested, and maintained in accordance with  
13 NFPA 25.

14 **1:13.3.3.4.1.8.1 VALVE LOCATION:** THE MAXIMUM HEIGHT OF SPRINKLER AND  
15 STANDPIPE CONTROL VALVE SHALL BE AS FOLLOWS. SPRINKLERS FLOOR  
16 CONTROL VALVE SHALL BE BETWEEN 7FT AND 7FT 6 INCHES ABOVE THE  
17 FINISHED FLOOR. RISER CONTROL VALVES SHALL BE BETWEEN 7FT AND 8FT  
18 ABOVE FINISHED FLOOR.

### 19 **Fire Pumps**

20 **1:13.4.1.1.1** No fire pump component, including pump, driver, or controller, shall be installed in  
21 belowground vaults or pits unless otherwise approved by the AHJ.

22 **1:13.4.6.4.3 Acceptance Test:** Fire pumps shall furnish not less than 150 percent of rated  
23 capacity at a total head of not less than 65 percent of total rated head. If available suction supplies

1 do not permit the flowing of 150 percent of rated pump capacity, the fire pump shall be operated  
2 at maximum allowable discharge to determine its acceptance subject to approval of the Authority  
3 Having Jurisdiction. The shutoff total head for horizontal shaft pumps shall not exceed 140  
4 percent of the total rated head. The inlet pressure available from a water supply shall be figured  
5 on a basis of flow of 150 percent of the rated capacity of the pump, as indicated by flow test. The  
6 pressure in public mains shall not be reduced in pressure below 20 psi (138 kpa) while the pump  
7 is operating at 150 percent of its rated capacity.

8 **1:13.5.2 Rural Water Supply Required:** Where no adequate and reliable water supply exists  
9 for fire-fighting purposes, the requirements of NFPA 1142, Standard on Water Supplies for  
10 Suburban and Rural Fire Fighting, shall apply.

11 Exception no.1: Developments consisting solely of one and two family dwellings need only  
12 comply with the requirements of 1:18.3.2 of this code.

13 Exception no.2: Buildings equipped with an automatic sprinkler system complying with NFPA  
14 13 or 13R need not comply with the requirements of NFPA 1142.

15 **Portable Fire Extinguishers**

16 **1:13.6.1.2\* Where Required:** Fire extinguishers shall be provided where required by this code  
17 as specified in table 1:13.6.1.2 and the referenced codes and standards listed in chapter 2 unless  
18 otherwise permitted by the AHJ.

19 **1:13.6.1.2.1 Garden Apartment Extinguisher Locations:** Fire extinguishers shall be required  
20 only in hazardous areas of garden apartment buildings.

21 **1:13.6.1.3.3.4 Sale Of Extinguishers:** It shall be unlawful for any person, either as principal or  
22 agent, to sell or offer for sale any fire extinguisher, whether new or used, unless that extinguisher  
23 has been listed/approved and labeled by the Underwriter's Laboratories, Inc., Factory Mutual



1 Laboratories, or other testing laboratory approved by the [fire official] AHJ.

2 **1:13.6.1.6.1.2 Non-Approved Extinguishers:** No portable fire extinguisher shall be considered  
3 to be approved, even if it bears a listing or an approval label from a recognized testing laboratory  
4 if the extinguisher contains any of the following liquids:

5 Ethylene dibromide

6 Carbon tetrachloride

7 Chlorobromomethane

8 Azeotropic chloromethane

9 Dibromodifluoromethane

10 1, 2-dibromo-2-chloro-1, 2-trifluoroethane

11 1,2-dibromo-2, 2-difluoroethane

12 Methyl bromide

13 Ethylene dibromide

14 1, 2-dibromotetrafluoroethane

15 Hydrogen bromide

16 Methylene bromide

17 Bromodifluoromethane

18 Dichlorodifluoromethane

19 Or any other toxic or poisonous liquid

20 **1:13.6.4.1.2.1\*** Persons performing maintenance and recharging of extinguishers shall be  
21 certified or licensed as required by the AHJ.

22 **1:13.6.4.1.2.1.7 Fire Extinguishers:** No person shall service, repair, fill, refill or recharge  
23 portable fire extinguishers, unless that person has first obtained from the Baltimore County

1 Department of Permits and Development Management with approval of the Fire Chief or  
2 designee, a license in the name of the person performing the work on the extinguishers.  
3 Application for such license shall be made annually in the form prescribed by the Chief or  
4 designee.

5 **1:13.7.1.13 Annunciation and Annunciation Zoning**

6 **1:13.7.1.13.1.1 When Graphic Annunciator Is Required:** A graphic annunciator shall be  
7 provided in all buildings of new construction of the following types:

8 (1) High rise buildings;

9 (2) Covered malls;

10 (3) Nursing homes and hospitals;

11 (4) Buildings of 45 feet or higher in height, as measured from the lowest point at grade to the  
12 roof level, and greater than 22,500 square feet per floor;

13 (5) Buildings less than 45 feet in height, as measured from the lowest point at grade to the roof  
14 level, and greater than 100,000 square feet per floor, where due to the complexity of the  
15 buildings, the hazard of the occupancy or operation or the potential risk from fire to the occupant  
16 or responding fire fighters is such that the fire chief or designee deems a graphic annunciator to  
17 be necessary.

18 **1:13.7.1.13.1.2 EXISTING BUILDINGS: WHEN THE REQUIRED EXISTING FIRE**  
19 **ALARM IS OBSOLETE AND AN UPGRADED ALARM SYSTEM REQUIRES A GRAPHIC**  
20 **ANNUNCIATOR, THE ANNUNCIATOR SHALL MEET THE REQUIREMENTS OF**  
21 **1:13.7.1.13.**

22 **1:13.7.1.13.2.3 Alarm Annunciation:** On all fire alarm systems, annunciation of alarm signals  
23 shall indicate the type of device sending the alarm, (area smoke detector, elevator lobby detector,

1 sprinkler water flow, heat detectors, CARBON MONOXIDE DETECTORS, manual pull  
2 stations, dry chemical, carbon dioxide systems, halon or other clean agent systems) the floor and  
3 the zone of the alarm. Fire alarm zones shall parallel sprinkler zones shall indicate the type of  
4 device sending the alarm, (area smoke detector, elevator lobby detector, sprinkler water flow,  
5 heat detectors, CARBON MONOXIDE DETECTORS, manual pull stations, dry chemical,  
6 carbon dioxide systems, halon or other clean agent systems) the floor and the zone of the alarm.  
7 Fire alarm zones shall parallel sprinkler zones.

8 **1:13.7.1.13.3 Supervisory and Trouble Annunciation:** On all fire alarm systems,  
9 annunciation of supervisory signals shall indicate the type of device sending the supervisory  
10 signal, the floor and the zone involved. The annunciator shall indicate a valve tamper by  
11 displaying the location of the zone affected not the location of the valve.

12 **1:13.7.1.13.4.3 Annunciator Access and Location:** A separate annunciator panel shall be  
13 provided at the main entrance in all buildings of new construction, for all required alarm systems,  
14 when the fire alarm control panel is not located at this point or does not provide annunciation as  
15 required by subsections of 1:13.7.1.13. [Where more than one main entrance is provided the  
16 annunciator(s) shall be located as designated by the fire chief or designee.]

17 **1:13.7.1.13.5.3 Alarm Annunciator Display:** The graphic annunciator shall provide the  
18 following information and displays:

19 (1) A plan, elevation or isometric view of the entire building, such that the physical location of  
20 pertinent details is easily recognizable.

21 (2) Each fire zone shall be identified in the relative position it occupies in the building and shall  
22 be indicated by an individual red lamp that operates upon activation of an alarm signal in that  
23 zone. Supervisory zones shall generally parallel alarm zones and shall be indicated in amber.

- 1 (3) Indication of the availability for service of fire pumps and emergency generator.
- 2 (4) The location of all primary and secondary entrances, Fire Department Siamese AND FIRE
- 3 PUMP TEST HEADER connections, stair towers, elevators and elevator lobbies, ELEVATOR
- 4 MACHINE ROOMS, TRASH AND LAUNDRY CHUTES, ELECTRICAL ROOMS, sprinkler
- 5 and standpipe control valves, FIRE PUMP ROOMS, emergency generators, [internal fire walls
- 6 and smoke barriers]; a site orientation and a point of reference within the structure.
- 7 **1:13.7.1.13.5.4** Graphic(s) with alphanumeric annunciation will be considered and may be
- 8 approved by the Fire Chief or designee.
- 9 **1:13.7.1.13.5.5 Standardized Abbreviations For Alphanumeric Displays:** Only the following
- 10 abbreviations shall be used:

HEAT = Heat Detector	HOOD = Hood System
PRSP = Preaction Sprinkler System	DRY = Dry Pipe System
ELV = Elevator	SD = Smoke Detector
GEN = Generator	PUMP = Fire Pump
STPR= Stair Pressurization	SPR = Sprinkler
FLOW = Water Flow Alarm	TMPR = Tamper
ZONE = Zone	TRBL = Trouble
FLR = Floor	PULL = Manual Pull
DUCT = Duct Detector	CO = CARBON MONOXIDE DETECTOR
N, E, S, W, NE, SE, NW, AND SW will indicate directional locations	

- 11
- 12 **Existing Day Care Occupancies**
- 13 **1:13.7.2.6.5.1 Smoke Alarms:** APPROVED SEALED TEN YEAR LITHIUM battery-operated
- 14 smoke alarms, rather than house electric service-powered smoke alarms required by 13.7.2.6.5
- 15 shall be permitted where, in the opinion of the Authority Having Jurisdiction, the facility has
- 16 testing, maintenance, and replacement programs that ensure reliability of power to the smoke

1 alarms. (101:17.6.3.4.4)

2 **1:13.7.2.28 New and Existing Storage Occupancies**

3

4 **1:13.7.2.28.1.2** Storage occupancies less than three stories, with ordinary or high hazard contents  
5 not exceeding an aggregate floor area of 100,000 ft<sup>2</sup> (9300m<sup>2</sup>) shall not be required to have a  
6 fire alarm system. (101:42.3.4.1.2)

7 **1:13.7.2.28.1.3** Storage occupancies less than three stories, protected throughout by an approved  
8 automatic sprinkler system in accordance with section 13.3 shall not be required to have a fire  
9 alarm system. (101:42.3.4.1.3)

10 **1:13.7.3.1.2 Certification And Maintenance Of Fire Alarm Installations:** All fire alarm  
11 installations and maintenance of all fire alarm systems shall be in compliance with the  
12 requirements of the Fire Prevention and Building Codes of Baltimore County, and shall be  
13 installed and maintained in accordance with these regulations by an Underwriter’s Laboratory,  
14 Inc. (UL) listed fire alarm contractor or a Factory Mutual (FM Global) approved fire alarm  
15 contractor, listed by UL or FM for installation and maintenance of “protective signaling  
16 systems” or other nationally recognized testing laboratory. The fire alarm company shall meet  
17 all UL or FM requirements for UL listed or FM approved protective signaling systems, and shall  
18 provide a copy of the UL certificate or FM placard to the Fire Chief or designee for all newly  
19 installed systems that are required by this code. A current UL certificate or FM placard shall be  
20 maintained and renewed as necessary for all required FIRE alarm systems installed after October  
21 19, 2001. The fire alarm contractor shall notify the Fire Chief or designee and building owner in  
22 writing of any termination of maintenance contracts of any fire alarm system. Maintenance  
23 criteria, is found in and shall be in accordance with NFPA 72, applicable to the particular system  
24 installed and applicable state regulations. For the purpose of initial contractor certification, the

1 fire department may waive the issuance of a certificate for a period not to exceed one (1) year  
2 with a maximum of four (4) installations to allow inspection and listing of contractor by a listing  
3 authority.

4 **1:13.7.3.1.3 Placards:** All fire alarm systems shall have affixed to the fire alarm panel a  
5 warning placard reading, “Warning, systems must only be serviced by UL certified (or FM  
6 approved) contractor”. The placard shall warn of contacting the Baltimore County Fire  
7 Marshal’s office prior to making any modifications or additions to the fire alarm system and that  
8 failure to comply may result in a fine being assessed. All newly UL certified or FM approved  
9 fire alarm systems shall have an attached sticker on the fire alarm panel indicating preliminary  
10 inspection approval by a UL or FM certification contractor and include the name and phone  
11 number of the certification contractor for the purpose of allowing temporary building occupancy.  
12 The sticker shall measure four (4) inches by four (4) inches.

13 **1:13.7.3.2.3.5.6 As-Built Drawings:** A copy of the as-built fire alarm plans for every fire alarm  
14 system shall be kept permanently on site in a water resistant tube or box affixed to or near the  
15 fire alarm panel.

16 **Other Fire Protection Systems**

17 **1:13.8.1 Carbon Dioxide:** Carbon dioxide systems shall incorporate the following items into  
18 design and acceptance:

19 (1) Reserve capacity as identified in NFPA 12, 2015 edition (unless the area is also protected by  
20 an automatic sprinkler system or exempted by the Fire Chief or designee).

21 (2) Full scale discharge test.

22 (3) Alarm annunciation to the building fire alarm system shall be provided when the building is  
23 required by the Fire or Building Code to have a fire alarm system that is initiated by the carbon

1 dioxide system discharge sequence.  
2 (4) Lights that flash when the system operates shall be located at each entrance to the hazard  
3 enclosure, adjacent to the required warning sign.  
4 Exception: system installations not required by the Building or Fire codes of Baltimore County  
5 shall be exempt from the requirements of subsections (1) and (2) of this subsection.

6 **1:13.8.2 Halon:** Halon systems shall incorporate the following items into their design and  
7 acceptance:

8 (1) Reserve capacity as identified in NFPA 12A, 2015 edition (unless the area is also protected  
9 by an automatic sprinkler system or exempted by the fire chief or designee). A test shall be  
10 conducted in accordance with NFPA standards.

11 (2) Alarm annunciation to the building fire alarm system shall be installed when the building is  
12 required by the Fire or Building Code to have a fire alarm system (manual or automatic) upon  
13 initiation of the halon system discharge sequence.

14 (3) Lights that flash when the system is operated located at each entrance to the hazard enclosure,  
15 adjacent to the required warning sign.

16 Exception: System installations not required by the Building or Fire Codes of Baltimore County  
17 shall be exempt from the requirements of subsections (1) and (2) of this subsection.

18 **1:13.8.3 Other Extinguishing Agents:** Upon approval of the fire official, other extinguishing  
19 agents may be utilized if installed in compliance with the appropriate NFPA standard.

20 **Chapter 14 Means Of Egress**

21 **1:14.5.2.8.1(6) Stairway Re-Entry:** Designated re-entry levels shall allow unobstructed access  
22 to another exit.

23 **1:14.13.1.2** For the purposes of 14.13.1.1, **Exit Access** shall include, but not be limited to,

1 designated stairs, aisles, corridors, ramps, escalators and passageways leading to an exit. For the  
2 purposes of 14.13.1.1, **Exit Discharge** shall include BUT IS NOT LIMITED TO [only]

3 designated stairs, ramps, aisles, walkways and escalators leading to a public way. (101: 7.9.1.2)

4 **1:14.14.1.8.1 Color:** Any new or replacement exit signs shall have green letters on a white  
5 background or other approved distinguishable background color.

## 6 **Chapter 16 Safeguards During Construction**

7 **1:16.4.3.1.3\* Water Supply Availability:** Where fire protection water supplies are required to  
8 be provided, they shall be installed and made available for use not later than the time when the  
9 construction of any individual building is under roof. A crusher run road for access to buildings  
10 and hydrants shall be available for and usable by emergency fire apparatus and capable of  
11 handling emergency apparatus weighing 70,000 pounds when construction of any building is  
12 under roof.

## 13 **Chapter 18 Fire Department Access And Water Supply**

14 **1:18.1.3.1 Fire Apparatus Access.** Plans for fire apparatus access roads shall be submitted to  
15 the AHJ for review and approval prior to construction.

16 **1:18.1.3.2 Fire Hydrant Systems.** Plans and specifications for fire hydrant systems shall be  
17 submitted to the AHJ for review and approval prior to construction.

18 **1:18.2.3.1.1.1 Access Roads And Fire Lanes:** The Fire Chief or designee shall have the  
19 authority to require Fire Department access roads and fire lanes for buildings where deemed  
20 necessary for firefighting operations.

21 **1:18.2.3.2.1** A Fire Department access road shall extend to within 50ft (15 m) of at least one  
22 exterior door acceptable to the AHJ, that can be opened from the outside and that provides access  
23 to the interior of the building.



1 **1:18.2.3.5.3 Fire Lane Signs:** It shall be the property owner's responsibility to assume the  
2 financial cost for any designated fire lane signs as required under this code.

3 **1:18.3.2 Residential Rural Water Requirements:** All developments of ten (10) building lots or  
4 more that had not undergone development plan conference review prior to October 19, 2001 that  
5 are not served by a municipal water supply shall have provisions for a water source which is  
6 capable of supplying firefighting operations with four hundred (400) gallons per minute for a  
7 time period of thirty (30) minutes. The water source shall be accessible and available for  
8 firefighting operations throughout the entire year. The water source must be within two thousand  
9 (2,000) feet of every building envelope within the development as measured by travel over a  
10 road suitable for fire apparatus use and approved by the Fire Chief or designee.

11 If a water source which is located on an adjoining development or property will be utilized to  
12 satisfy this requirement, then a recorded easement in favor of the property to be developed,  
13 which states that the planned development may use the water source to comply with this  
14 requirement, must be obtained and a copy of the easement provided to the Fire Chief or designee  
15 prior to approval of the plan. A suitable water source must be approved by the Chief or designee  
16 and may consist of:

- 17 (1) A pond or stream that meets all the above requirements.
- 18 (2) A cistern.
- 19 (3) An underground fiberglass tank.
- 20 (4) A drafting hydrant served by a water source meeting the requirements of this subsection.
- 21 (5) A dry standpipe served by a water source meeting the requirements of this subsection.

22 **1:18.3.2.1 Houses Protected by Sprinklers:** Houses within the development that are protected  
23 by a sprinkler system complying with NFPA 13D will be exempt from the Residential Rural

1 Water Requirements of section 1:18.3.9.

2 **1:18.3.2.2 Tank Maintenance:** If an underground fiberglass storage tank is used to satisfy the  
3 requirements of this subsection, the homeowner's association of the development shall be  
4 responsible for the repair or replacement of the tank.

5 **1:18.5.1.7 Fire Hydrants:** Fire hydrants shall be located in a pattern approved by the Fire Chief  
6 or his designee:

7 (1) Fire hydrants shall be placed at least forty feet (40') from buildings. When hydrants cannot  
8 be placed at this distance, the fire official may permit a lesser distance provided the location  
9 minimizes the possibility of injury by falling walls and is one from which people are not likely to  
10 be driven by smoke and heat.

11 (2) There shall be a sufficient number of hydrants to make streams available to every part of the  
12 exterior of the building.

13 (3) Hydrants shall be of standard triple type outlet. Make and model of the fire hydrants shall be  
14 of a type recognized by the Baltimore County Department of Public Works as described in the  
15 Standard Design Manual.

16 **1:18.5.1.8 Private Hydrant Threads:** All private hydrants shall have the same thread  
17 requirement as public hydrants. The Baltimore County Standard thread for the 4 1/2" steamer  
18 nozzle shall conform to the County Plate W-30, dated March 5, 1982

19 **1:18.5.7.3 Obstructions:** Erection of fences or any other obstruction less than fifteen (15) feet  
20 from any fire hydrant is prohibited.

21 **1:18.5.7.3.1 Access to Fire Hydrants:** Free access from the street to fire hydrants shall be  
22 provided and maintained at all times. No material or obstruction shall be placed within fifteen  
23 feet (15') of such hydrants.

1 **1:18.5.9.1 Permits for Hydrant Use:** Use of public fire hydrants in Baltimore County is  
2 prohibited unless a permit has been obtained from Baltimore County.

3 **1:18.5.10.4. Private Hydrants Supplied By Fire Pumps:** Private fire hydrants located on the  
4 discharge side of the fire pumps shall have their bonnets painted white in order to indicate that  
5 said hydrants are off the discharge side of a fire pump. Exceptions for presently existing systems  
6 may be granted at the discretion of the Chief of the Fire Department or Designee.

7 **1:18.5.10.5 Private Hydrant Color:** Private fire hydrants shall be painted red to distinguish  
8 them from public (orange) hydrants.

9 **Chapter 19 Combustible Waste and Refuse**

10 **1:19.2.1.3.1 Removal Of Contents:** The contents of waste and refuse containers shall not be  
11 allowed to accumulate in such a manner that would prevent the full closing of any required lid,  
12 cover, door or other device. If such condition exists, the container shall be emptied or the  
13 contents reduced to an acceptable level.

14 **1: 19.2.1.4 Containers:** Waste and refuse containers with a capacity greater than 1.5 cubic yards,  
15 SHALL NOT BE STORED WITHIN THE BUILDING AND:

16 (1) Be constructed of a non-combustible material.

17 (2) Be equipped with a lid cover and/or door so as to impede the spread of fire from within the  
18 container.

19 (3) Be placed on stands of non-combustible materials or on the ground outdoors.

20 (4) Not be placed closer than 15 feet to structural walls or partitions constructed of combustible  
21 materials, or openings in exterior walls, or beneath combustible overhangs unless approved by  
22 the chief or designee, or unless the walls are visual screens only.

23 Exception: Commercial trash compactors installed in compliance with provisions in the Building

1 Code of Baltimore County shall be exempt from the requirements of this subsection.

2 **Chapter 20 Occupancy Fire Safety**

3 **Assembly Occupancies**

4 **1:20.1.5.10.4 Occupant Load Posting:** In every place of public assembly there shall be a  
5 certificate no less than five and one-half inches by eight and one-half inches in size permanently  
6 posted in a conspicuous place near the main entrance in the assembly room. Such certificate  
7 shall be furnished by the Fire Marshal's office of Baltimore County and shall read as follows:

8 Capacity Certificate

9 Not More Than

10 (Number)

11 Persons Allowed In

12 (Name of Assembly)

13 At Any Time.

14 Baltimore County Fire Department

15 Such a certificate shall be posted before any new place of public assembly is opened for business  
16 as well as in existing places of public assembly. It shall be the owner's responsibility for  
17 installation and maintenance of such signs.

18 **1:20.1.5.10.4.4** The maximum number of occupants permitted shall be determined in the manner  
19 prescribed by the NFPA 101, and may not be exceeded.

20 **1:20.1.5.10.4.5** The Fire Chief or designee may, at the written request of the owner or occupant  
21 of any building or place of assembly, post as the maximum occupancy of the building or place of  
22 assembly a lesser number of persons than the number calculated in accordance with subsection

23 1:20.1.5.10.3.1.1.1.

1 **Educational Occupancies**

2 **1:20.2.4.1.1 Evacuation Alarm:** When a fire, smoke, or hazardous condition is discovered in an  
3 educational occupancy the evacuation alarm shall be activated to initiate an evacuation of the  
4 building.

5 **1:20.2.4.2 EMERGENCY EGRESS DRILLS**

6 **1:20.2.4.2.3 FIRE EMERGENCY EGRESS DRILLS SHALL BE CONDUCTED AS**  
7 **FOLLOWS: (1) NOT LESS THAN ONE FIRE EMERGENCY EGRESS DRILL SHALL BE**  
8 **CONDUCTED EVERY MONTH THE FACILITY IS IN SESSION, UNLESS THE**  
9 **FOLLOWING CRITERIA ARE MET: (A) IN CLIMATES WHERE THE WEATHER IS**  
10 **SEVERE, THE MONTHLY FIRE EMERGENCY EGRESS DRILLS SHALL BE PERMITTED**  
11 **TO BE DEFERRED; AND (B) IN EDUCATIONAL OCCUPANCIES WHICH ARE: (I)**  
12 **FULLY PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM, THE TOTAL**  
13 **NUMBER OF ANNUAL FIRE EMERGENCY EGRESS DRILLS SHALL BE FIVE, WITH A**  
14 **LEAST TWO OF THE REQUIRED DRILLS CONDUCTED IN THE FIRST FOUR MONTHS**  
15 **OF THE SCHOOL YEAR; OR (II) NOT FULLY PROTECTED BY AN AUTOMATIC**  
16 **SPRINKLER SYSTEM, THE TOTAL NUMBER OF ANNUAL FIRE EMERGENCY**  
17 **EGRESS DRILLS SHALL BE EIGHT, WITH AT LEAST THREE OF THE REQUIRED**  
18 **DRILLS CONDUCTED IN THE FIRST FOUR MONTHS OF THE SCHOOL YEAR.**  
19 **(2) ALL OCCUPANTS OF THE BUILDING SHALL PARTICIPATE IN THE FIRE**  
20 **EMERGENCY EGRESS DRILL.**

21 **(3) ONE FIRE EMERGENCY EGRESS DRILL, OTHER THAN FOR EDUCATIONAL**  
22 **OCCUPANCIES THAT ARE OPEN ON A YEAR-ROUND BASIS, SHALL BE REQUIRED**  
23 **WITHIN THE FIRST 30 DAYS OF OPERATION.**

1 **Day-Care Occupancies**

2 **1:20.3.4.1.1 Classification:** In new day-care homes, the requirements of 20.3.4 shall apply to  
3 day-care homes in which not more than 12 clients receive care, maintenance, and supervision by  
4 other than their relative(s) or legal guardian(s) for less than 24 hours per day, generally within a  
5 dwelling unit. (101:16.6.1.1.2; 16.1.4)

6 **1:20.3.4.2.3.5.1 Furnishings and Decorations:** Draperies, curtains, and other similar  
7 furnishings and decorations in day-care occupancies other than day-care homes shall be in  
8 accordance with the provisions of section 12.6.2 of NFPA 1. (101:16.7.4.1; 101:17.7.4.1)

9 **1:20.3.4.2.3.6.1\* Day-Care Staff:** Adequate adult staff shall be on duty, alert, and in the facility  
10 at all times where clients are present. (101:16.7.5; 101:17.7.5)

11 Exception: day-care homes with no more than three clients for overnight lodging.

12 **1:20.5.2.1.4 Residential Board and Care Evacuation Classification:**

13 All small residential board and care facility operators are required to submit documentation of  
14 the evacuation capability of their facility on an annual basis to the Chief or designee. This  
15 documentation shall be developed using the forms and procedures found in NFPA 101A, Guide  
16 on Alternative Approaches to Life Safety, 2016 edition. If the evacuation capability of the  
17 facility changes due to changes in the status of individual clients or for any other reason, the  
18 operator of the facility must notify the Chief or designee in writing within 10 days of the date of  
19 the change.

20 **Chapter 25 Tents, Bleachers ...**

21 **1:25.2.2.1 All Tent Fabric** shall meet the flame propagation performance criteria contained in  
22 NFPA 701, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, or other  
23 approved testing standard approved by the State Fire Marshal. (101:11.11.2.1)

1 **Chapter 26 Laboratories Using Chemicals**

2 **Plans and Procedures**

3 **1:26.1.5.2** WHEN REQUESTED BY THE AHJ, A HAZARD ASSESSMENT SHALL BE  
4 CONDUCTED BY A TECHNICALLY QUALIFIED PERSON ACCEPTABLE TO THE AHJ.

5 **1:26.1.5.3** WHEN REQUESTED BY THE AHJ, A LIST OF HAZARDOUS MATERIALS  
6 USED IN EACH LABORATORY SHALL BE PROVIDED. THE LIST SHALL SPECIFY THE  
7 CHEMICAL NAME, QUANTITY, AND HAZARD CLASS.

8 **1:26.1.5.4** NEW LABORATORIES OR LABORATORIES WHERE THE NFPA 45 HAZARD  
9 CLASSIFICATION, CHANGES SHALL POST AN INFORMATION PLACARD NEAR THE  
10 MAIN ENTRANCE TO THE LABORATORY. THE PLACARD SHALL STATE THE  
11 BUILDING NAME OR ADDRESS, ROOM NUMBER, NFPA 45 LABORATORY HAZARD  
12 CLASSIFICATION, EDITION OF NFPA 45, MAXIMUM ALLOWABLE QUANTITIES OF  
13 FLAMMABLE LIQUIDS BOTH INSIDE A CABINET AND OPEN USE, AND MAXIMUM  
14 QUANTITIES OF FLAMMABLE GASES PERMITTED WITHIN THE LABORATORY.

15 **1:26.3 CONSTRUCTION**

16 **1:26.3.1** ALL LABORATORIES, LABORATORY SUITES OR LABORATORY UNITS  
17 WITHIN THE SCOPE OF NFPA 45 REGARDLESS OF THE LABORATORY HAZARD  
18 CLASSIFICATION IN NFPA 45, SHALL BE SEPARATED BY AT LEAST ONE-HOUR  
19 FIRE RESISTANCE RATED CONSTRUCTION FROM NON-LABORATORY AREAS. IF A  
20 HIGHER FIRE RESISTANCE RATING IS REQUIRED BY TABLE 5.1.1 IN NFPA 45 OR  
21 THE BUILDING CODE, THE HIGHER FIRE RESISTANCE RATING SHALL BE USED.  
22 ROOMS THAT ARE AN INCIDENTAL USE TO THE LAB SHALL BE CONSIDERED  
23 PART OF THE LABORATORY FOR THE PURPOSE OF THIS REQUIREMENT AND

1 SHALL NOT REQUIRE ADDITIONAL SEPARATION.

2 **Chapter 28 Marinas and Boatyards**

3 **Fixed Fire Extinguishment Systems**

4 **1:28.1.6.2.1.1 Buildings In Excess Of 500 Square Feet** that are constructed on piers shall be  
5 protected by an approved automatic fire-extinguishing system unless otherwise permitted by  
6 NFPA 1 sections 28.1.6.2.1.2, 28.1.6.2.1.3. (303:6.3.1.1)

7 **1:28.1.6.2.1.4 Covered Slips Less Than 12,000 Square Feet** in total area, considering water  
8 supply availability and adequacy, and size of facility, where clearly impractical for economic or  
9 physical reasons, shall not be required to be protected by an automatic fire-extinguishing system.

10 **Fire Standpipe Systems**

11 **1:28.1.6.3.8 Flow Requirements:** standpipes shall be designed to provide 250 gpm at 100-psi  
12 nozzle pressure at the most remote outlet from the shoreline Siamese connection.

13 **1:28.1.6.3.9 Pipe Size:** minimum pipe size shall be 2-½ inch.

14 **1:28.1.6.3.10 Hose Outlet Requirements:** standpipe hose outlets shall be mounted between 9  
15 inches and 18 inches above the pier decking. Standpipe hose outlets shall be provided at 100-foot  
16 intervals along the pier or bulkhead. One outlet shall be provided within 100 feet of the closest  
17 point of fire department pumper access or at the point where the pier joins the shoreline if the  
18 closest point of fire department pumper access is more than 100 feet from the point where the  
19 pier joins the shoreline. Standpipe outlets shall be 2-½ inch with national standard threads.

20 **1:28.1.6.3.11 Protection of C.P.V.C. Pipe:** When C.P.V.C. piping is used, all connections and  
21 piping shall be protected against mechanical damage and UV light damage as approved by the  
22 AHJ.

23 **1:28.1.6.3.12 New Piers And Additions:** the provisions of NFPA 303, 2011 edition, subsection



1 6.4, fire standpipe systems, shall apply to all newly constructed piers and bulkheads as well as  
2 any additions to any existing piers or bulkheads.

3 **1:28.1.6.3.13 Existing Piers:** The provisions of NFPA 303, 2011 edition, subsection 6.4, fire  
4 standpipe systems, do not apply to existing facilities that were built to the applicable Building  
5 and Fire Codes or policies that were in effect at the time of their construction.

6 **1:28.1.6.3.14 Acceptance Tests:** The Chief or designee shall witness: A hydrostatic test of 200  
7 psi for 2 hours, a flow test at a minimum 250 gpm at 100 psi discharge, and a drainage test to  
8 determine that the entire system can be drained after each use.

9 **1:28.1.6.3.15 Periodic Test:** An annual flow test at a minimum of 250 gpm at 100 psi discharge  
10 and a drainage test to determine that the entire system can be drained after each use shall be  
11 conducted during the months of March or April.

12 **1:28.1.6.3.16 Fire Department Connection:** Approved Fire Department Siamese connections  
13 shall be installed in an approved manner and location at the shoreline at the beginning of the pier  
14 or wharf. Exception: On floating piers the Siamese connection will be at the beginning of the  
15 first floating section.

16 **1:28.1.6.3.17 Drains: Standpipes** shall be designed to be dry and shall be pitched and provided  
17 with drains accordingly.

18 **1:28.1.6.4.1 Flow Requirements:** At least one water supply which is capable of supplying a  
19 minimum of 1,000 gallons per minute shall be provided within 150 feet of the shoreline Siamese  
20 connection or as prescribed by the Chief or designee.

21 **1:28.1.6.4.2 Types of Supply:** Acceptable fire protection water supplies shall include public fire  
22 hydrants, private fire hydrants, and “suction points” or other water supplies approved by the  
23 Chief or designee.

1 **1:28.1.6.4.3 “Suction” Point Design:** NFPA 1142, 2012 edition shall be used as a guide, with a  
2 minimum pipe size being six (6) inches. Pumper connection on suction point shall be six (6) inch  
3 with Baltimore County Fire Department approved threads.

4 **Chapter 29 Parking Garages**

5 **1:29.1.4 Flammable Gas Powered Vehicles Prohibited:** Motor vehicles powered by or  
6 containing flammable gases shall be prohibited from passing through or parking in all below  
7 grade levels and in all non-open air parking structures unless such structures are specifically  
8 designed to safely accommodate such motor vehicles and approved by the Chief or designee.  
9 Entrances to parking structures serving or having access to such prohibited areas shall be posted  
10 with conspicuous signs prohibiting motor vehicles powered by or containing flammable gases  
11 from entering therein, unless such areas are designed to safely accommodate such motor  
12 vehicles. The design shall be approved by the Fire Chief or designee prior to the fabrication and  
13 installation of such signs.

14 **Chapter 31 Forest Products (Including Lumber)**

15 **1:31.3.3.4.2.1 Storage Separation: Open Yard Storage of Lumber** shall be located at least 25  
16 feet from adjacent property lines so as to provide reasonable protection against exposure hazards.  
17 Where a distance of 25 feet cannot be maintained, a three-hour fire resistive masonry firewall of  
18 minimum height of 25 feet shall be provided as equivalent protection.

19 **1:31.3.6.2.2(9)** Piles containing leaves and other extraneous or hogged material, such as whole  
20 tree chip piles, shall be turned or reclaimed at least every 3 months.

21 **1:31.3.6.3.1\* Woodchips And Hogged Materials:** Piles shall not exceed 18 feet in height, 50  
22 feet in width, or 350 feet in length. Piles shall be subdivided by fire lanes, 30 feet wide at the  
23 base of piles.

1 **Chapter 42 Refueling**

2 **1:42.7.5.5.1** The following information shall be conspicuously posted in this area:

3 (1) The exact address of the unattended self-service facility.

4 (2) The telephone number of the owner or operator of the unattended self-service facility.

5 **1:42.7.5.7** Management/owner, officials or employees shall conduct daily site visits to ensure  
6 that all equipment is operating properly.

7 **1:42.7.5.8** Regular equipment inspection and maintenance at the unattended self-service facility  
8 shall be conducted.

9 **1:42.7.5.9** Fuel dispensing equipment shall comply with one of the following:

10 (1) The amount of fuel being dispensed is limited in quantity by preprogrammed card.

11 (2) Dispensing devices shall be programmed or set to limit uninterrupted fuel delivery of not  
12 more than 25 gallons and shall require a manual action to resume continued delivery.

13 **Chapter 50 Commercial Cooking Equipment**

14 **1:50.1.5 Equipment in Trailers and Vehicles:** Cooking equipment that is installed in a trailer or  
15 vehicle (e.g. chuck wagon, food trucks or lunch wagon) must conform to requirements of NFPA  
16 96, 2014 edition and is not covered under this regulation.

17 **1:50.2.1.10 Outdoor Commercial Cooking Operations:** These requirements apply to  
18 commercial outdoor cooking operations such as those that typically take place under a canopy or  
19 tent type structure at fairs, festivals and carnivals. This includes but is not limited to frying,  
20 sautéing and grilling operations.

21 **1:50.2.1.10.1 Tent and Canopy Requirements.**

22 **1:50.2.1.10.1.1** Tents or canopies where cooking equipment not protected in accordance with  
23 NFPA 96 is located shall not be occupied by the public and shall be separated from other tents,

1 canopies, structures, or vehicles by a minimum of 10 ft. (3050 mm) unless otherwise approved by  
2 the AHJ.

3 **1:50.2.1.10.1.2** All canopy and tent material shall comply with the flame resistance requirements  
4 found in Subsection 25.2.2.

5 **1:50.2.1.10.2 LP Gas Fuel Requirements:**

6 **1:50.2.1.10.2.1** LP gas tank size shall be limited to 60 lbs. or less. Total amount of LP gas on site  
7 shall not exceed 60 lbs. total for each appliance that is rated not more than 80,000 btu/hr. and 120  
8 lbs. for each appliance rated above 80,000 btu/hr. (lp gas generates 21,548 btu/lb.).

9 **1:50.2.1.10.2.2** Tanks shall be maintained in good physical condition and shall have a valid  
10 hydrostatic date stamp.

11 **1:50.2.1.10.2.3** Tanks shall be secured in their upright position with a chain, strap or other  
12 approved method that prevents the tank from tipping over.

13 **1:50.2.1.10.2.4** Tanks shall be located so that they are not accessible to the public. LP gas tanks  
14 shall be located at least 5 feet from any cooking or heating equipment or any open flame device.

15 **1:50.2.1.10.2.5** All LP gas equipment shall be properly maintained and comply with the  
16 requirements of NFPA 58, 2014 edition.

17 **1:50.2.1.10.2.6 Regulators:** Single-stage regulators may not supply equipment that exceeds  
18 100,000 btu/hr. Rating. Two-stage regulators shall be used with equipment exceeding 100,000  
19 btu/hr.

20 **1:50.2.1.10.3 General Safety Requirements**

21 **1:50.2.1.10.3.1** All electrical cords shall be maintained in a safe condition and shall be secured to  
22 prevent damage.

23 **1:50.2.1.10.3.2 Moveable Cooking Equipment** shall have the wheels removed or shall be

1 placed on blocks or otherwise secured to prevent movement of the appliance during operation.  
2 **1:50.2.1.10.3.3 Extinguisher Requirements:** A portable fire extinguisher having a minimum  
3 rating of 20 BC shall be required for any LP gas cooking equipment. Additionally, a K-type  
4 extinguisher shall be required to protect any deep frying equipment.

5 **1:50.4.4.3.1\* Existing Equipment:** In existing DRY OR WET systems, when changes in the  
6 cooking media, positioning, or replacement of cooking equipment occur, the fire-extinguishing  
7 system shall be made to comply with NFPA 1 section 50.4.4.3. Existing cooking equipment that  
8 has not been modified and was installed and has been continuously maintained in compliance  
9 with UL 295 shall be allowed to continue in use unless new cooking equipment or new  
10 suppression equipment is added or the cooking media has changed. [Installation] THE USE OF  
11 EQUIPMENT NO LONGER SUPPORTED BY THE MANUFACTURER OR reconditioned  
12 suppression system PARTS not in compliance with UL 300 is prohibited.

13 **1:50.5.2.9 Non-Compliant Equipment:** An individual or service company shall not service a  
14 cooking equipment suppression system required by NFPA 96, 2014 edition, if that system is not  
15 in full compliance with all applicable sections of the fire code without making the necessary  
16 modifications to bring the system into compliance with the Fire Code. If the owner of a  
17 suppression system does not take the necessary measures to have the system modified to be in  
18 full compliance with the code, the service company will tag the system out of service and send  
19 written notice within 30 days to the Chief or designee that the system is out of service.

## 20 **Chapter 65 Explosives, Fireworks and Model Rocketry**

21 **1:65.1.3 PERMITS SHALL BE REQUIRED FOR THE FOLLOWING:**

22 (1) FIREWORKS DISPLAYS;

23 (2) PYROTECHNICS BEFORE A PROXIMATE AUDIENCE; AND

1 (3) FLAME EFFECTS BEFORE AN AUDIENCE.

2 **1:65.1.4 Ground Based Sparkling Devices and Held Sparklers:** The sale, handling and  
3 storage of ground based sparkling devices and hand held sparklers shall comply with the  
4 provisions of NFPA 1 and COMAR Title 29.06.07.

5 **1:65.1.5 Possession Or Use:** Except as otherwise provided, it shall be unlawful for any person to  
6 possess, store, offer for sale, expose for sale, sell, use, burn or explode any fireworks; provided,  
7 that the possession, sale or discharge of fireworks are permitted when such activities are  
8 conducted under a permit issued by the State Fire Marshal.

9 **1:65.1.6 Signal Purposes, Shows, Etc.:** Nothing in this section shall be construed to prohibit the  
10 use of fireworks by railroads or other transportation agencies for signal purposes or illumination,  
11 or the sale or use of blank cartridges for show or theater, or for signal or ceremonial purposes in  
12 athletic, sport, boating, or use by military organizations.

13 **1:65.2 DISPLAY FIREWORKS**

14 ALL APPLICATIONS FOR PERMITS FOR DISPLAY SHALL BE FILED AT LEAST 10  
15 BUSINESS DAYS BEFORE THE DISPLAY IS TO BE HELD. UNDER PUBLIC SAFETY  
16 ARTICLE, TITLE 10, ANNOTATED CODE OF MARYLAND, THE FOLLOWING  
17 REQUIREMENTS APPLY TO PUBLIC LIABILITY AND PROPERTY DAMAGE

18 INSURANCE: IN ORDER TO MEET THE REQUIREMENT OF THE STATUTE, THE  
19 STATE SHALL BE NAMED AS AN INSURED IN THE CONTRACT OF INSURANCE.

20 BECAUSE THE POLICY SHALL COVER ALL DAMAGES TO PERSONS OR PROPERTY,  
21 A DEDUCTIBLE FORM OF COVERAGE MAY NOT BE ACCEPTED; THE MINIMUM  
22 AMOUNT OF COVERAGE THAT THE STATE CAN ACCEPT ON ANY DISPLAY IS  
23 \$25,000 FOR THE INJURY OF ONE PERSON, \$50,000 FOR MORE THAN ONE PERSON,

1 AND \$10,000 FOR PROPERTY DAMAGE; AND A DUPLICATE POLICY OF A  
2 CERTIFICATE OF INSURANCE SHALL BE ATTACHED TO THE APPLICATION. THE  
3 POLICY OR CERTIFICATE SHALL PROVIDE THAT: THE COVERAGE MAY NOT BE  
4 CANCELED WITHOUT AT LEAST 30 DAYS' NOTICE TO THE STATE FIRE MARSHAL;  
5 THE DUPLICATE POLICY OR CERTIFICATE SHALL SET FORTH ALL OF THE TERMS,  
6 CONDITIONS, ENDORSEMENTS, AND RIDERS WHICH ARE OR WHICH WILL  
7 BECOME PART OF THE POLICY WHEN ISSUED; IT IS UNDERSTOOD AND AGREED  
8 THAT LIMITATIONS CANNOT BE INCLUDED IN THE POLICY WHICH ARE NOT SET  
9 FORTH IN THE DUPLICATE POLICY OR CERTIFICATE OF INSURANCE WHICH HAS  
10 BEEN FILED; IF THE POLICY IS ISSUED BY AN INSURER AUTHORIZED TO DO  
11 BUSINESS IN THE STATE, IT SHALL BE VALIDATED BY THE SIGNATURE OF AN  
12 AGENT LICENSED BY THE MARYLAND INSURANCE ADMINISTRATION TO  
13 REPRESENT THE INSURER; IF COVERAGE IS PROVIDED BY AN INSURER WHO IS  
14 NOT AUTHORIZED TO DO BUSINESS IN THE STATE, THE DUPLICATE POLICY OR  
15 CERTIFICATE OF INSURANCE SHALL BE ACCOMPANIED BY A POWER OF  
16 ATTORNEY OR OTHER SATISFACTORY EVIDENCE THAT THE PERSON, FIRM, OR  
17 CORPORATION ACTING AS AGENT IN ACCEPTING THE RISK HAS AUTHORITY TO  
18 BIND RISKS AND ISSUE POLICIES FOR THE INSURER. THE STATE FIRE MARSHAL'S  
19 OFFICE SPECIFICALLY RESERVES THE RIGHT TO DISAPPROVE CONTRACTS  
20 ISSUED BY ANY AUTHORIZED INSURER IF THE FIRE MARSHAL'S OFFICE  
21 DETERMINES THE INSURER IS UNSATISFACTORY; AND IF THE POLICY ISSUED BY  
22 THE UNAUTHORIZED COMPANY IS ACCEPTABLE TO THE FIRE MARSHAL'S  
23 OFFICE, IT SHALL BE REGISTERED AND THE REGISTRATION FEE AND TAX PAID.

1 **1:65.2.1.1 Storage:** No persons shall keep or store fireworks in the county for a period in excess  
2 of eight hours unless such person shall have a valid permit from the State Fire Marshal for  
3 display within the county and unless such storage site has been approved by the State Fire  
4 Marshal's office (alternately Fire Prevention Division).

5 **1:65.2.3 STORAGE OF DISPLAY FIREWORKS:** ALL STORAGE OF DISPLAY  
6 FIREWORKS SHALL COMPLY WITH NFPA 1124, CODE FOR THE MANUFACTURE,  
7 TRANSPORTATION, STORAGE, AND RETAIL SALES OF FIREWORKS AND  
8 PYROTECHNIC ARTICLES, 2006 EDITION.

9 **1:65.3 PYROTECHNICS BEFORE A PROXIMATE AUDIENCE** ALL APPLICATIONS  
10 FOR PERMITS FOR DISPLAY SHALL BE FILED AT LEAST 10 BUSINESS DAYS  
11 BEFORE THE DISPLAY IS TO BE HELD. UNDER PUBLIC SAFETY ARTICLE, TITLE 10,  
12 ANNOTATED CODE OF MARYLAND, THE FOLLOWING REQUIREMENTS APPLY TO  
13 PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE: IN ORDER TO MEET  
14 THE REQUIREMENT OF THE STATUTE, THE STATE SHALL BE NAMED AS AN  
15 INSURED IN THE CONTRACT OF INSURANCE. BECAUSE THE POLICY SHALL  
16 COVER ALL DAMAGES TO PERSONS OR PROPERTY, A DEDUCTIBLE FORM OF  
17 COVERAGE MAY NOT BE ACCEPTED; THE MINIMUM AMOUNT OF COVERAGE  
18 THAT THE STATE CAN ACCEPT ON ANY DISPLAY IS \$25,000 FOR THE INJURY OF  
19 ONE PERSON, \$50,000 FOR MORE THAN ONE PERSON, AND \$10,000 FOR PROPERTY  
20 DAMAGE; AND A DUPLICATE POLICY OF A CERTIFICATE OF INSURANCE SHALL  
21 BE ATTACHED TO THE APPLICATION. THE POLICY OR CERTIFICATE SHALL  
22 PROVIDE THAT: THE COVERAGE MAY NOT BE CANCELED WITHOUT AT LEAST 30  
23 DAYS' NOTICE TO THE STATE FIRE MARSHAL; THE DUPLICATE POLICY OR



1 CERTIFICATE SHALL SET FORTH ALL OF THE TERMS, CONDITIONS,  
2 ENDORSEMENTS, AND RIDERS WHICH ARE OR WHICH WILL BECOME PART OF  
3 THE POLICY WHEN ISSUED; IT IS UNDERSTOOD AND AGREED THAT LIMITATIONS  
4 CANNOT BE INCLUDED IN THE POLICY WHICH ARE NOT SET FORTH IN THE  
5 DUPLICATE POLICY OR CERTIFICATE OF INSURANCE WHICH HAS BEEN FILED; IF  
6 THE POLICY IS ISSUED BY AN INSURER AUTHORIZED TO DO BUSINESS IN THE  
7 STATE, IT SHALL BE VALIDATED BY THE SIGNATURE OF AN AGENT LICENSED BY  
8 THE MARYLAND INSURANCE ADMINISTRATION TO REPRESENT THE INSURER; IF  
9 COVERAGE IS PROVIDED BY AN INSURER WHO IS NOT AUTHORIZED TO DO  
10 BUSINESS IN THE STATE, THE DUPLICATE POLICY OR CERTIFICATE OF  
11 INSURANCE SHALL BE ACCOMPANIED BY A POWER OF ATTORNEY OR OTHER  
12 SATISFACTORY EVIDENCE THAT THE PERSON, FIRM, OR CORPORATION ACTING  
13 AS AGENT IN ACCEPTING THE RISK HAS AUTHORITY TO BIND RISKS AND ISSUE  
14 POLICIES FOR THE INSURER. THE STATE FIRE MARSHAL'S OFFICE SPECIFICALLY  
15 RESERVES THE RIGHT TO DISAPPROVE CONTRACTS ISSUED BY ANY  
16 AUTHORIZED INSURER IF THE FIRE MARSHAL'S OFFICE DETERMINES THE  
17 INSURER IS UNSATISFACTORY; AND IF THE POLICY ISSUED BY THE  
18 UNAUTHORIZED COMPANY IS ACCEPTABLE TO THE FIRE MARSHAL'S OFFICE, IT  
19 SHALL BE REGISTERED AND THE REGISTRATION FEE AND TAX PAID.

20 **1:65.4 FLAME EFFECTS BEFORE AN AUDIENCE**

21 ALL APPLICATIONS FOR PERMITS FOR DISPLAY SHALL BE FILED AT LEAST 10  
22 BUSINESS DAYS BEFORE THE DISPLAY IS TO BE HELD. UNDER PUBLIC SAFETY  
23 ARTICLE, TITLE 10, ANNOTATED CODE OF MARYLAND, THE FOLLOWING

1 REQUIREMENTS APPLY TO PUBLIC LIABILITY AND PROPERTY DAMAGE  
2 INSURANCE: IN ORDER TO MEET THE REQUIREMENT OF THE STATUTE, THE  
3 STATE SHALL BE NAMED AS AN INSURED IN THE CONTRACT OF INSURANCE.  
4 BECAUSE THE POLICY SHALL COVER ALL DAMAGES TO PERSONS OR PROPERTY,  
5 A DEDUCTIBLE FORM OF COVERAGE MAY NOT BE ACCEPTED; THE MINIMUM  
6 AMOUNT OF COVERAGE THAT THE STATE CAN ACCEPT ON ANY DISPLAY IS  
7 \$25,000 FOR THE INJURY OF ONE PERSON, \$50,000 FOR MORE THAN ONE PERSON,  
8 AND \$10,000 FOR PROPERTY DAMAGE; AND A DUPLICATE POLICY OF A  
9 CERTIFICATE OF INSURANCE SHALL BE ATTACHED TO THE APPLICATION. THE  
10 POLICY OR CERTIFICATE SHALL PROVIDE THAT: THE COVERAGE MAY NOT BE  
11 CANCELED WITHOUT AT LEAST 30 DAYS' NOTICE TO THE STATE FIRE MARSHAL;  
12 THE DUPLICATE POLICY OR CERTIFICATE SHALL SET FORTH ALL OF THE TERMS,  
13 CONDITIONS, ENDORSEMENTS, AND RIDERS WHICH ARE OR WHICH WILL  
14 BECOME PART OF THE POLICY WHEN ISSUED; IT IS UNDERSTOOD AND AGREED  
15 THAT LIMITATIONS CANNOT BE INCLUDED IN THE POLICY WHICH ARE NOT SET  
16 FORTH IN THE DUPLICATE POLICY OR CERTIFICATE OF INSURANCE WHICH HAS  
17 BEEN FILED; IF THE POLICY IS ISSUED BY AN INSURER AUTHORIZED TO DO  
18 BUSINESS IN THE STATE, IT SHALL BE VALIDATED BY THE SIGNATURE OF AN  
19 AGENT LICENSED BY THE MARYLAND INSURANCE ADMINISTRATION TO  
20 REPRESENT THE INSURER; IF COVERAGE IS PROVIDED BY AN INSURER WHO IS  
21 NOT AUTHORIZED TO DO BUSINESS IN THE STATE, THE DUPLICATE POLICY OR  
22 CERTIFICATE OF INSURANCE SHALL BE ACCOMPANIED BY A POWER OF  
23 ATTORNEY OR OTHER SATISFACTORY EVIDENCE THAT THE PERSON, FIRM, OR

1 CORPORATION ACTING AS AGENT IN ACCEPTING THE RISK HAS AUTHORITY TO  
2 BIND RISKS AND ISSUE POLICIES FOR THE INSURER. THE STATE FIRE MARSHAL'S  
3 OFFICE SPECIFICALLY RESERVES THE RIGHT TO DISAPPROVE CONTRACTS  
4 ISSUED BY ANY AUTHORIZED INSURER IF THE FIRE MARSHAL'S OFFICE  
5 DETERMINES THE INSURER IS UNSATISFACTORY; AND IF THE POLICY ISSUED BY  
6 THE UNAUTHORIZED COMPANY IS ACCEPTABLE TO THE FIRE MARSHAL'S  
7 OFFICE, IT SHALL BE REGISTERED AND THE REGISTRATION FEE AND TAX PAID.

8 **1:65.5. Fireworks Manufacture:**

9 **1:65.5.1** It shall be unlawful to manufacture fireworks within Baltimore County.

10 **1:65.5.2** THE MANUFACTURE, TRANSPORTATION, OR STORAGE OF FIREWORKS  
11 SHALL COMPLY WITH NFPA 1124, CODE FOR THE MANUFACTURE,  
12 TRANSPORTATION, STORAGE, AND RETAIL SALES OF FIREWORKS AND  
13 PYROTECHNIC ARTICLES, 2006 EDITION.

14 **1:65.5.3 SALE OR USE OF FIREWORKS SHALL COMPLY WITH THE**  
15 **FOLLOWING:** BEFORE THE SALE, OFFERING FOR SALE, OR USE WITHIN THE  
16 STATE, OF ANY SPARKLER, EVERY MANUFACTURER OF SPARKLERS SHALL  
17 SUBMIT SUFFICIENT SAMPLES FOR INSPECTION TO THE STATE FIRE MARSHAL,  
18 WITH A LABORATORY REPORT FROM A CERTIFIED TESTING LABORATORY  
19 AFFIRMING THAT THE ANALYSIS OF THESE SPARKLERS SHOWED THAT THEY  
20 CONTAIN NO CHLORATES OR PERCHLORATES. ALL SPARKLERS SOLD IN THE  
21 STATE SHALL BE SOLD IN BOXES, AND EACH BOX SHALL BE CLEARLY MARKED  
22 THAT THE SPARKLERS CONTAIN NO CHLORATES OR PERCHLORATES. THE  
23 MANUFACTURER SHALL FURNISH THE STATE FIRE MARSHAL WITH A CURRENT

1 LIST OF WHOLESALERS, JOBBERS, RETAILERS, OR RETAIL OUTLETS, WHO  
2 HANDLE OR SUPPLY SPARKLERS, OR MAINTAIN A LIST OF WHOLESALERS,  
3 JOBBERS, RETAILERS, OR RETAIL OUTLETS, SUBJECT TO INSPECTION BY THE  
4 STATE FIRE MARSHAL.

5 **1:65.9.1 REFERENCE TO NFPA 495:**

6 (1) DELETE SECTIONS 11.2 AND 11.3.

7 (2)AMEND SECTION 3.3 TO ADD THE FOLLOWING DEFINITION: DEMOLITION.

8 THE EXPLOSIVE RAZING OF ANY MANMADE STRUCTURE OR ANY PART  
9 THEREOF THAT CANNOT BE COVERED WITH OVERBURDEN OR BLASTING

10 MATS. (3)AMEND SECTION 4.4 TO ADD THE FOLLOWING NEW SUBSECTION:

11 4.4.7 EACH APPLICANT FOR A DEMOLITION CLASS D PERMIT SHALL POSSESS  
12 5 YEARS OF EXPERIENCE IN THE FIELD OF DEMOLITION AND SHALL PASS  
13 THE DEMOLITION EXAMINATION AS APPROVED BY THE OFFICE OF THE  
14 STATE FIRE MARSHAL.

15 **1:65.10 SALE, HANDLING, AND STORAGE OF CONSUMER FIREWORKS**

16 **1:65.10.1 APPLICABILITY**

17 **1:65.10.1.1 GENERAL REQUIREMENTS:** RETAIL SALES OF CONSUMER

18 FIREWORKS IN BOTH NEW AND EXISTING BUILDINGS, STRUCTURES, AND

19 FACILITIES SHALL COMPLY WITH THE REQUIREMENTS OF THIS SECTION UNLESS

20 OTHERWISE INDICATED.

21 **1:65.10.1.1.1 NEW FACILITIES**

22 **1:65.10.1.1.1.1** FOR THE PURPOSE OF APPLYING THE REQUIREMENTS OF THIS

23 SECTION, THE FOLLOWING CONSUMER FIREWORKS RETAIL SALES (CFRS)

1 FACILITIES AND STORES SHALL BE CONSIDERED TO BE NEW:

2 (1) PERMANENT CFRS FACILITIES AND STORES THAT ARE NOT INITIALLY  
3 OCCUPIED UNTIL AFTER THE EFFECTIVE DATE OF THIS CODE, UNLESS PLANS  
4 ARE SUBMITTED AND ACCEPTED FOR REVIEW, PLANS HAVE BEEN APPROVED  
5 FOR CONSTRUCTION, OR A BUILDING PERMIT HAS BEEN ISSUED PRIOR TO THE  
6 EFFECTIVE DATE OF THIS CODE;

7 (2) PERMANENT CFRS FACILITIES AND STORES CONSTRUCTED PRIOR TO THE  
8 EFFECTIVE DATE OF THIS CODE AND IN WHICH THE RETAIL SALES OF  
9 CONSUMER FIREWORKS HAVE NOT BEEN CONDUCTED EITHER SEASONALLY OR  
10 YEAR ROUND WITHIN ONE YEAR PRIOR TO THE EFFECTIVE DATE OF THIS CODE;

11 (3) TEMPORARY CFRS FACILITIES AND STORES.

12 **1:65.10.1.1.2** IN A STORE WHERE THE AREA OF THE RETAIL SALES FLOOR  
13 OCCUPIED BY THE RETAIL DISPLAYS OF CONSUMER FIREWORKS IS INCREASED  
14 AFTER THE EFFECTIVE DATE OF THIS CODE, SUCH THAT THE AREA EXCEEDS  
15 THE LIMITS SPECIFIED IN 65.10.5.1.1(1), THE BUILDING SHALL BE CONSIDERED TO  
16 BE A NEW CFRS FACILITY.

17 **1:65.10.1.1.2 EXISTING FACILITIES:** FOR THE PURPOSE OF APPLYING THE  
18 REQUIREMENTS OF SECTION 65.10, CFRS FACILITIES AND STORES NOT  
19 CONSIDERED TO BE NEW AS SPECIFIED IN 65.10.1.1.1 SHALL BE CONSIDERED TO  
20 BE EXISTING.

21 **1:65.10.1.1.3 MINIMUM REQUIREMENTS:** EXISTING LIFE SAFETY FEATURES THAT  
22 DO NOT MEET THE REQUIREMENTS FOR NEW BUILDINGS BUT THAT EXCEED THE  
23 REQUIREMENTS FOR EXISTING BUILDINGS SHALL NOT BE FURTHER DIMINISHED.

1 **1:65.10.1.1.4 MODERNIZATION OR RENOVATION:** ANY ALTERATION OR ANY  
2 INSTALLATION OF NEW EQUIPMENT SHALL MEET, AS NEARLY AS PRACTICABLE,  
3 THE REQUIREMENTS FOR NEW CONSTRUCTION.

4 **1:65.10.1.1.4.1** ONLY THE ALTERED, RENOVATED, OR MODERNIZED PORTION OF  
5 AN EXISTING BUILDING, SYSTEM, OR INDIVIDUAL COMPONENT SHALL BE  
6 REQUIRED TO MEET THE PROVISIONS OF THIS CODE THAT ARE APPLICABLE TO  
7 NEW CONSTRUCTION.

8 **1:65.10.1.1.4.2** IF THE ALTERATION, RENOVATION, OR MODERNIZATION  
9 ADVERSELY IMPACTS REQUIRED LIFE SAFETY FEATURES, ADDITIONAL  
10 UPGRADING SHALL BE REQUIRED.

11 **1:65.10.1.1.4.3** EXCEPT WHERE ANOTHER PROVISION OF THIS CODE EXEMPTS A  
12 PREVIOUSLY APPROVED FEATURE FROM A REQUIREMENT, THE RESULTING  
13 FEATURE SHALL BE NOT LESS THAN THAT REQUIRED FOR EXISTING BUILDINGS.

14 **1:65.10.1.2 FACILITY CLASSIFICATION:** THE REQUIREMENTS OF THIS SECTION  
15 SHALL APPLY TO THE FOLLOWING:

16 (1) PERMANENT BUILDINGS AND STRUCTURES, INCLUDING THE FOLLOWING:

17 (A) STORES;

18 (B) CFRS FACILITIES.

19 (2) TEMPORARY FACILITIES, INCLUDING THE FOLLOWING:

20 (A) CFRS STANDS;

21 (B) TENTS;

22 (C) CANOPIES;

23 (D) MEMBRANE STRUCTURES.

1 **1:65.10.2 SPECIAL LIMITS FOR RETAIL SALES OF CONSUMER FIREWORKS**

2 **1:65.10.2.1** RETAIL SALES OF CONSUMER FIREWORKS, INCLUDING THEIR  
3 RELATED STORAGE AND DISPLAY FOR SALE OF SUCH FIREWORKS, SHALL BE IN  
4 ACCORDANCE WITH THIS CODE.

5 **1:65.10.2.2** RETAIL SALES OF CONSUMER FIREWORKS SHALL BE LIMITED TO  
6 MERCANTILE OCCUPANCIES DEFINED IN 3.3.183.17 AND NFPA 101.

7 **1:65.10.2.3** ANY BUILDING OR STRUCTURE USED FOR THE RETAIL SALES OF  
8 CONSUMER FIREWORKS, INCLUDING THEIR RELATED STORAGE, SHALL COMPLY  
9 WITH SECTION 20.12 AND NFPA 101 FOR MERCANTILE OCCUPANCIES, EXCEPT AS  
10 PROVIDED IN THIS CODE.

11 **1:65.10.2.4** RETAIL SALES OF DISPLAY FIREWORKS AND PYROTECHNIC ARTICLES,  
12 INCLUDING THE RELATED STORAGE AND DISPLAY FOR SALE OF SUCH  
13 FIREWORKS AND ARTICLES, SHALL BE PROHIBITED AT A CFRS FACILITY OR  
14 STORE.

15 **1:65.10.2.5** RETAIL SALES OF CERTAIN EXPLOSIVE DEVICES PROHIBITED BY THE  
16 CHILD SAFETY ACT OF 1966, INCLUDING THE RELATED STORAGE AND DISPLAY  
17 FOR SALE OF SUCH DEVICES, SHALL BE PROHIBITED AT A CFRS FACILITY OR  
18 STORE.

19 **1:65.10.2.6** THE RETAIL SALES OF PEST CONTROL DEVICES, INCLUDING THEIR  
20 RELATED STORAGE AND DISPLAY FOR SALE, SHALL BE PROHIBITED AT A CFRS  
21 FACILITY OR STORE.

22 **1:65.10.2.7** THE RETAIL SALES OF FIREWORKS THAT DO NOT COMPLY WITH THE  
23 REGULATIONS OF THE U.S. CONSUMER PRODUCT SAFETY COMMISSION AS SET

1 FORTH IN 16 CFR 1500 AND 1507 AND THE REGULATIONS OF THE U.S.  
2 DEPARTMENT OF TRANSPORTATION AS SET FORTH IN 49 CFR 100 TO 178,  
3 INCLUDING THEIR RELATED STORAGE AND DISPLAY FOR SALE, SHALL BE  
4 PROHIBITED.

5 **1:65.10.3 GENERAL REQUIREMENTS FOR ALL RETAIL SALES.**

6 **1:65.10.3.1 EXEMPT AMOUNTS.**

7 **1:65.10.3.1.1** THE REQUIREMENTS OF THIS SECTION SHALL NOT APPLY TO CFRs  
8 FACILITIES OR STORES WHERE THE CONSUMER FIREWORKS ARE IN PACKAGES  
9 AND WHERE THE TOTAL QUANTITY OF CONSUMER FIREWORKS ON HAND DOES  
10 NOT EXCEED 125 LB. (NET) [56.8 KG] OF PYROTECHNIC COMPOSITION OR, IN A  
11 BUILDING PROTECTED THROUGHOUT WITH AN APPROVED AUTOMATIC  
12 SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 13.3 AND NFPA  
13 13, 250 LB. (NET) [113.6 KG] OF PYROTECHNIC COMPOSITION.

14 **1:65.10.3.1.2** WHERE THE ACTUAL WEIGHT OF THE PYROTECHNIC COMPOSITION  
15 OF CONSUMER FIREWORKS IS NOT KNOWN, 25 PERCENT OF THE GROSS WEIGHT  
16 OF THE CONSUMER FIREWORKS, INCLUDING PACKAGING, SHALL BE PERMITTED  
17 TO BE USED TO DETERMINE THE WEIGHT OF THE PYROTECHNIC COMPOSITION.

18 **1:65.10.3.2 PERMITS.** WHERE REQUIRED BY STATE OR LOCAL LAWS,  
19 ORDINANCES, OR REGULATIONS, A PERMIT FOR THE FOLLOWING SHALL BE  
20 OBTAINED:

21 (1) CONSTRUCTION, ERECTION, OR OPERATION OF THE FOLLOWING:

22 (A) PERMANENT BUILDING OR STRUCTURE;

23 (B) TEMPORARY STRUCTURE SUCH AS A STAND, TENT, OR CANOPY USED



1 FOR THE PURPOSE OF THE RETAIL DISPLAY OR SALE OF CONSUMER  
2 FIREWORKS TO THE PUBLIC.

3 (2) STORAGE OF CONSUMER FIREWORKS IN CONNECTION WITH THE RETAIL  
4 DISPLAY OR SALE OF CONSUMER FIREWORKS TO THE PUBLIC.

5 **1:65.10.3.3 PLANS.** PLANS FOR FACILITIES OTHER THAN STANDS AND TENTS  
6 SHALL INCLUDE THE FOLLOWING:

7 (1) MINIMUM DISTANCES FROM THE FOLLOWING:

8 (A) PUBLIC WAYS;

9 (B) BUILDINGS;

10 (C) OTHER CFRS FACILITIES;

11 (D) MOTOR VEHICLE FUEL-DISPENSING STATION DISPENSERS;

12 (E) RETAIL PROPANE-DISPENSING STATION DISPENSERS;

13 (F) FLAMMABLE AND COMBUSTIBLE LIQUID ABOVEGROUND TANK STORAGE;

14 (G) FLAMMABLE GAS AND FLAMMABLE LIQUEFIED GAS BULK

15 ABOVEGROUND STORAGE AND DISPENSING AREAS WITHIN 300 FT (91.5 M) OF

16 THE FACILITY USED FOR THE RETAIL SALES OF CONSUMER FIREWORKS.

17 (2) VEHICLE ACCESS AND PARKING AREAS.

18 (3) LOCATION AND TYPE OF PORTABLE FIRE EXTINGUISHERS.

19 (4) FLOOR PLAN AND LAYOUT OF STORAGE AND DISPLAYS TO INDICATE  
20 COMPLIANCE WITH THIS CHAPTER AND APPLICABLE STATE OR LOCAL LAWS,

21 ORDINANCES, OR REGULATIONS.

22 (5) MEANS OF EGRESS.

23 (6) CONSTRUCTION DETAILS.

1 **1:65.10.34 FIRE DEPARTMENT ACCESS.** ANY PORTION OF AN EXTERIOR WALL OF  
2 A BUILDING, SIDEWALL OF A TENT, OR OTHER DEFINED PERIMETER OF A CFRS  
3 FACILITY OR STORE SHALL BE ACCESSIBLE WITHIN 150 FT (45.7M) OF A PUBLIC  
4 WAY OR AN APPROVED FIRE APPARATUS ACCESS.

5 **1:65.10.3.5 CONSTRUCTION OF BUILDINGS AND STRUCTURES.** CONSUMER  
6 FIREWORKS SHALL ONLY BE PERMITTED TO BE SOLD AT RETAIL IN ANY OF THE  
7 FOLLOWING BUILDINGS OR STRUCTURES, PROVIDED THAT ANY NEW BUILDING  
8 OR STRUCTURE DOES NOT EXCEED ONE STORY IN HEIGHT:

9 (1) PERMANENT BUILDINGS OR STRUCTURES CONSTRUCTED IN ACCORDANCE  
10 WITH THE BUILDING CODE ENFORCED BY THE AHJ;

11 (2) TENTS, CANOPIES, OR TEMPORARY MEMBRANE STRUCTURES COMPLYING  
12 WITH NFPA 102, STANDARD FOR GRANDSTANDS, FOLDING AND TELESCOPIC  
13 SEATING, TENTS, AND MEMBRANE STRUCTURES;

14 (3) TEMPORARY STRUCTURES CONSTRUCTED IN ACCORDANCE WITH THIS  
15 CHAPTER;

16 (4) TEMPORARY CFRS STANDS GREATER THAN 800 FT<sup>2</sup> (74 M<sup>2</sup>) IN AREA THAT  
17 ALSO MEET THE REQUIREMENTS FOR A PERMANENT STRUCTURE;

18 (5) VEHICLES, SUCH AS VANS, BUSES, TRAILERS, RECREATIONAL VEHICLES,  
19 MOTOR HOMES, TRAVEL TRAILERS, TRUCKS, AND AUTOMOBILES, COMPLYING  
20 WITH THE APPLICABLE REQUIREMENTS FOR CFRS STANDS.

21 **1:65.10.3.6** AN AUTOMATIC SPRINKLER SYSTEM DESIGNED AND INSTALLED IN  
22 ACCORDANCE WITH SECTION 13.3 AND NFPA 13 SHALL BE PROVIDED  
23 THROUGHOUT PERMANENT CFRS FACILITIES AND STORES IN WHICH CFRS ARE

1 CONDUCTED IN THE FOLLOWING BUILDINGS:

2 (1) NEW BUILDINGS GREATER THAN 6000 FT<sup>2</sup> (557.2 M<sup>2</sup>) IN AREA;

3 (2) EXISTING BUILDINGS GREATER THAN 7500 FT<sup>2</sup> (694 M<sup>2</sup>) IN AREA.

4 **1:65.10.3.6.1** DOOR AND WINDOW OPENINGS IN THE FIRE BARRIER WALL SHALL  
5 BE PROTECTED BY SELF-CLOSING FIRE DOORS OR FIXED FIRE WINDOWS HAVING  
6 A FIRE PROTECTION RATING OF NOT LESS THAN 1 HOUR AND SHALL BE  
7 INSTALLED IN ACCORDANCE WITH SECTION 12.4 AND NFPA 80, STANDARD FOR  
8 FIRE DOORS AND OTHER OPENING PROTECTIVES.

9 **1:65.10.3.6.2** ANY OTHER OPENINGS OR PENETRATIONS IN THE FIRE BARRIER  
10 WALL SHALL BE PROTECTED IN ACCORDANCE WITH NFPA 101.

11 **1:65.3.6.3** EVERY CFRS FACILITY AND STORE SHALL HAVE NO FEWER THAN TWO  
12 PORTABLE FIRE EXTINGUISHERS WITH A MINIMUM RATING OF 2A, AT LEAST  
13 ONE OF WHICH SHALL BE OF THE PRESSURIZED WATER TYPE.

14 **1:65.10.3.7 STORAGE ROOMS.** STORAGE ROOMS CONTAINING CONSUMER  
15 FIREWORKS IN A NEW PERMANENT CFRS FACILITY OR STORE SHALL BE  
16 PROTECTED WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN  
17 ACCORDANCE WITH SECTION 13.3 AND NFPA 13 OR SEPARATED FROM THE  
18 RETAIL SALES AREA BY A FIRE BARRIER HAVING A FIRE RESISTANCE RATING OF  
19 NOT LESS THAN 1 HOUR.

20 **1:65.10.3.8 PORTABLE FIRE EXTINGUISHERS.**

21 **1:65.10.3.8.1 SPECIFICATION.** PORTABLE FIRE EXTINGUISHERS SHALL BE  
22 PROVIDED AS REQUIRED FOR EXTRA (HIGH) HAZARD OCCUPANCY IN  
23 ACCORDANCE WITH SECTION 13.6 AND NFPA 10.

1 **1:65.10.3.8.2 EXTINGUISHER TYPE.** WHERE MORE THAN ONE PORTABLE FIRE  
2 EXTINGUISHER IS REQUIRED, AT LEAST ONE FIRE EXTINGUISHER SHALL BE OF  
3 THE MULTIPURPOSE DRY CHEMICAL TYPE IF THE FACILITY IS PROVIDED WITH  
4 ELECTRICAL POWER.

5 **1:65.10.3.8.3 LOCATION.** PORTABLE FIRE EXTINGUISHERS FOR PERMANENT  
6 CONSUMER FIREWORKS RETAIL SALES FACILITIES AND STORES SHALL BE  
7 LOCATED SO THAT THE MAXIMUM DISTANCE OF TRAVEL REQUIRED TO REACH  
8 AN EXTINGUISHER FROM ANY POINT DOES NOT EXCEED \_75 FT (23 M), AS  
9 SPECIFIED IN. NFPA 10.

10 **1:65.10.3.9 FIRE ALARMS.** A FIRE ALARM SYSTEM SHALL BE PROVIDED AS  
11 REQUIRED BY SECTION 13.7 AND NFPA 101.

12 **1:65.10.3.10 SMOKE CONTROL.**

13 **1:65.10.3.10.1** SMOKE AND HEAT VENTS DESIGNED AND INSTALLED IN  
14 ACCORDANCE WITH NFPA 204, STANDARD FOR SMOKE AND HEAT VENTING,  
15 SHALL BE PROVIDED IN THE CFRS AREA OF NEW PERMANENT CFRS FACILITIES  
16 OR STORES WHERE THE CEILING HEIGHT IS LESS THAN 10 FT (3.05 M) AND THE  
17 TRAVEL DISTANCE TO REACH AN EXIT IS GREATER THAN 25 FT (7.6M).

18 **1:65.10.3.10.2** THE SMOKE AND HEAT VENTS REQUIRED BY 65.10.3.10.1 SHALL BE  
19 AUTOMATICALLY ACTIVATED BY A SMOKE DETECTION SYSTEM INSTALLED  
20 THROUGHOUT THE CFRS AREA IN ACCORDANCE  
21 WITH NFPA 72.

22 **1:65.10.3.11 NO SMOKING SIGNS.**

23 **1:65.10.3.11.1** SMOKING SHALL NOT BE PERMITTED INSIDE OR WITHIN 50 FT

1 (15.5M) OF THE CFRS AREA.

2 **1:65.10.3.11.2** AT LEAST ONE SIGN THAT READS AS FOLLOWS, IN LETTERS AT  
3 LEAST 2 IN. (51 MM) HIGH ON A CONTRASTING BACKGROUND, SHALL BE  
4 CONSPICUOUSLY POSTED AT EACH ENTRANCE OR WITHIN 10 FT (3.05M) OF  
5 EVERY AISLE DIRECTLY SERVING THE CFRS AREA IN A STORE: "FIREWORKS - NO  
6 SMOKING"

7 **1:65.10.3.12 DISTANCE FROM BULK DISPENSING AND BULK STORAGE.**

8 **1:65.10.3.12.1** CFRS FACILITIES AND STORES SHALL NOT BE LOCATED WITHIN 50  
9 FT (15.2 M) OF THE FOLLOWING:

10 (1) RETAIL PROPANE-DISPENSING STATION DISPENSERS;

11 (2) ABOVEGROUND STORAGE TANKS FOR FLAMMABLE OR COMBUSTIBLE  
12 LIQUID, FLAMMABLE GAS, OR FLAMMABLE LIQUEFIED GAS;

13 (3) COMPRESSED NATURAL GAS-DISPENSING STATION DISPENSERS.

14 **1:65.10.3.12.2** NEW CFRS FACILITIES AND STORES, EXISTING CFRS STANDS AND  
15 TENTS, AND TEMPORARY CFRS FACILITIES SHALL NOT BE LOCATED WITHIN 50  
16 FT (15.2 M) OF MOTOR VEHICLE FUEL-DISPENSING STATION DISPENSERS.

17 **1:65.10.3.10.12.3** EXISTING CFRS FACILITIES, OTHER THAN CFRS STANDS, TENTS,  
18 AND TEMPORARY FACILITIES, AND EXISTING STORES SHALL NOT BE LOCATED  
19 WITHIN 25 FT (7.6 M) OF MOTOR VEHICLE FUEL DISPENSING STATION  
20 DISPENSERS.

21 **1:65.10.3.12.4** FUEL TANKS ON VEHICLES OR OTHER MOTORIZED EQUIPMENT  
22 SHALL NOT BE CONSIDERED BULK STORAGE.

23 **1:65.10.3.12.5** FUEL STORAGE FOR GENERATORS SHALL BE IN ACCORDANCE

1 WITH 65.10.4.9.2.

2 **1:65.10.3.12.6** CFRS AREAS AND STORAGE AREAS SHALL NOT BE LOCATED WITHIN  
3 300 FT (91.2 M) OF ANY ABOVEGROUND BULK STORAGE OR BULK DISPENSING  
4 AREA FOR THE FOLLOWING:

5 (1) FLAMMABLE OR COMBUSTIBLE LIQUID;

6 (2) FLAMMABLE GAS;

7 (3) FLAMMABLE LIQUEFIED GAS.

8 **1:65.10.3.13 FIRE SAFETY AND EVACUATION PLAN.** FOR A CFRS FACILITY OR  
9 STORE, AN APPROVED FIRE SAFETY AND EVACUATION PLAN SHALL BE  
10 PREPARED IN WRITING AND MAINTAINED CURRENT. **1:65.10.3.14** MEANS OF  
11 EGRESS.

12 **1:65.10.3.14.1** NUMBER OF EXITS

13 **1:65.10.3.14.1.1** THE MINIMUM NUMBER OF EXITS PROVIDED FROM THE RETAIL  
14 SALES AREA SHALL BE NOT LESS THAN THREE OR AS DETERMINED IN  
15 ACCORDANCE WITH CHAPTER 14 AND NFPA 101, WHICHEVER NUMBER IS  
16 GREATER.

17 **1:65.10.3.14.1.2** REQUIRED MEANS OF EGRESS FROM THE RETAIL SALES AREA  
18 SHALL NOT BE ALLOWED TO PASS THROUGH STORAGE ROOMS.

19 **1:65.10.3.14.2** EGRESS TRAVEL DISTANCE. EXITS PROVIDED FOR THE RETAIL  
20 SALES AREA OF TENTS, MEMBRANE STRUCTURES, CANOPIES, AND PERMANENT  
21 CFRS FACILITIES, INCLUDING CLASS C STORES, SHALL BE LOCATED SO THAT  
22 THE MAXIMUM EGRESS TRAVEL DISTANCE, MEASURED FROM THE MOST  
23 REMOTE POINT TO AN EXIT ALONG THE NATURAL AND UNOBSTRUCTED PATH

1 OF EGRESS TRAVEL, DOES NOT EXCEED 75 FT (22.9 M).

2 **1:65.10.3.14.3** AISLES. AISLES SERVING AS A PORTION OF THE EXIT ACCESS IN  
3 CFRS AREAS SHALL COMPLY WITH THIS PARAGRAPH.

4 **1:65.10.3.14.3.1 AISLE WIDTH**

5 **1:65.10.3.14.3.1.1** AISLES SHOULD HAVE A MINIMUM WIDTH CLEAR WIDTH OF 48  
6 IN. (1.2 M)

7 **1:65:10.14.3.1.2** REQUIRED WIDTH OF AISLES SHALL BE MAINTAINED  
8 UNOBSTRUCTED AT ALL TIMES THE FACILITY IS OCCUPIED BY THE PUBLIC.

9 **1:65.10.3.14.3.2 AISLES ARRANGEMENT.**

10 **1:65.10.3.14.3.2.1** NOT LESS THAN ONE AISLE SHALL BE PROVIDED AND  
11 ARRANGED SO THAT TRAVEL ALONG THE AISLE LEADS DIRECTLY TO AN EXIT.

12 **1:65.10.3.14.3.2.2** OTHER REQUIRED EXITS SHALL BE LOCATED AT, OR WITHIN 10  
13 FT (3.05 M) OF, THE END OF AN AISLE OR A CROSS-AISLE.

14 **1:65.10.3.14.3.2.3** AISLES SHALL TERMINATE AT AN EXIT, ANOTHER AISLE, OR A  
15 CROSS-AISLE.

16 **1:65.10.3.14.3.2.4** DEAD-END AISLES SHALL BE PROHIBITED.

17 **1:68.10.3.14.3.2.5** WHERE MORE THAN ONE AISLE IS PROVIDED, NOT LESS THAN  
18 ONE CROSS-AISLE SHALL HAVE AN UNOBSTRUCTED CONNECTION WITH EVERY  
19 AISLE, OTHER THAN CROSS-AISLE.

20 **1:65.10.3.14.3.2.6** CROSS-AISLE CONNECTIONS SHALL BE PROVIDED FOR EACH  
21 AISLE AT INTERVALS NOT GREATER THAN 50 FT (15.2 M) AS MEASURED ALONG  
22 THE AISLE.

23 **1:65.10.3.14.3.2.7** WHERE CROSS-AISLES ARE REQUIRED, NOT LESS THAN ONE

1 CROSS-AISLE SHALL HAVE AT LEAST ONE END TERMINATE AT, OR WITHIN 10 FT  
2 (3.05 M) OF AN EXIT.

3 **1:65.10.3.14.4 DOORS AND DOORWAYS.** DOORS AND DOORWAYS USED IN THE  
4 MEANS OF EGRESS SHALL COMPLY WITH THIS PARAGRAPH.

5 **1:65.10.3.14.4.1** EGRESS DOORS SHALL BE NOT LESS THAN 36 IN. (910 MM) IN  
6 WIDTH PROVIDING A MINIMUM OF 32 IN. (813 MM) CLEAR WIDTH].

7 **1:65.10.3.14.4.2** EVERY EGRESS DOOR THAT HAS A LATCHING DEVICE SHALL  
8 BE PROVIDED WITH PANIC HARDWARE COMPLYING WITH CHAPTER 14 AND  
9 NFPA 101.

10 **1:65.10.3.14.4.3** MEANS OF EGRESS DOORS SHALL BE OF THE SIDE HINGE  
11 SWINGING TYPE AND SHALL BE ARRANGED TO SWING IN THE DIRECTION  
12 OF EGRESS TRAVEL.

13 **1:65.10.3.14.5 EXIT SIGNS**

14 **1:65.10.3.14.5.1** EXITS SHALL BE MARKED BY AN APPROVED EXIT SIGN IN  
15 ACCORDANCE WITH SECTION 14.14 AND NFPA 101.

16 **1:65.10.3.14.5.2** EXIT SIGNS SHALL BE REQUIRED TO BE SELF-LUMINOUS OR  
17 INTERNALLY OR EXTERNALLY ILLUMINATED.

18 **1:65.10.3.14.6 EMERGENCY LIGHTING**

19 **1:65.10.3.14.6.1** THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE,  
20 SHALL BE ILLUMINATED WHENEVER THE FACILITY IS OCCUPIED IN  
21 ACCORDANCE WITH SECTION 14.12 AND NFPA 101.

22 **1:65.10.3.14.6.2** EMERGENCY LIGHTING SHALL BE PROVIDED FOR CFRS  
23 FACILITIES AND STORES AND SHALL COMPLY WITH SECTION 14.13 AND



1 NFPA 101.

2 **1:65.10.3.15 RETAIL DISPLAYS**

3 **1:65.10.3.15.1** GENERAL. THE REQUIREMENTS OF THIS SECTION SHALL APPLY  
4 ONLY TO CFRS AREAS, UNLESS OTHERWISE SPECIFICALLY INDICATED

5 **1:65.10.3.15.2** HEIGHT OF SALES DISPLAYS. TO PROVIDE FOR VISUAL ACCESS  
6 OF THE RETAIL SALES AREA BY THE EMPLOYEES AND CUSTOMERS,  
7 PARTITIONS, COUNTERS, SHELVING, CASES, AND SIMILAR SPACE DIVIDERS  
8 SHALL NOT EXCEED 6 FT (1.8 M) IN HEIGHT ABOVE THE FLOOR SURFACE  
9 INSIDE THE PERIMETER

10 **1:65.10.3.15.2.1** MERCHANDISE ON DISPLAY OR LOCATED ON SHELVES OR  
11 COUNTERS OR OTHER FIXTURES SHALL NOT BE DISPLAYED TO A HEIGHT  
12 GREATER THAN 6 FT (1.8 M) ABOVE THE FLOOR SURFACE WITHIN THE CFRS  
13 AREA.

14 **1:65.10.3.15.2.2** WHERE LOCATED ALONG THE PERIMETER OF THE CONSUMER  
15 FIREWORKS RETAIL SALES AREA, THE MAXIMUM HEIGHT OF SALES  
16 DISPLAYS SHALL BE LIMITED TO 12 FT. (3.66 M).

17 **1:65.10.3.15.3 FLAME BREAKS**

18 **1:65.10.3.15.3.1** WHERE CONTINUOUS DISPLAYS OF CONSUMER FIREWORKS  
19 ARE LOCATED ON SHELVING, CASES, COUNTERS, AND SIMILAR DISPLAY  
20 FIXTURES, A FLAME BREAK SHALL BE PROVIDED SO THAT THE MAXIMUM  
21 DISTANCE BETWEEN FLAME BREAKS DOES NOT EXCEED 16 FT (4.9 M)  
22 WHERE MEASURED ALONG THE LENGTH OF THE DISPLAY.

23 **1:65.10.3.15.3.2** THE FLAME BREAK SHALL EXTEND AS FOLLOWS:

1 (1) FROM THE DISPLAY SURFACE TO NOT LESS THAN 6 IN. (150 MM) ABOVE  
2 THE FULL HEIGHT OF THE DISPLAYED MERCHANDISE OR TO THE  
3 UNDERSIDE OF THE DISPLAY SURFACE DIRECTLY ABOVE;

4 (2) FOR THE FULL DEPTH OF THE DISPLAYED MERCHANDISE.

5 **1:65.10.3.15.3.3** WHERE PACKAGED FIREWORKS MERCHANDISE IS DISPLAYED  
6 ON THE SAME LEVEL AS INDIVIDUAL UNPACKAGED FIREWORKS DEVICES,  
7 THE FLAME BREAK REQUIRED IN 65.10.3.15.3.1 SHALL NOT BE REQUIRED  
8 WHERE BOTH OF THE FOLLOWING CRITERIA ARE MET:

9 (1) THE LENGTH OF THE DISPLAY LEVEL CONTAINING INDIVIDUAL  
10 UNPACKAGED FIREWORKS DEVICES IS INTERRUPTED BY PACKAGED  
11 FIREWORKS MERCHANDISE, OR OPEN SPACE, OR ANY COMBINATION  
12 THEREOF, HAVING A CONTINUOUS LENGTH OF NOT LESS THAN 8 FT (2.4 M).

13 (2) THE DISTANCE BETWEEN FLAME BREAKS DOES NOT EXCEED 32 FT  
14 (9.8M).

15 **1:65.10.3.15.3.4** WHERE A MERCHANDISE DISPLAY LEVEL CONTAINS  
16 PACKAGED FIREWORKS  
17 MERCHANDISE, SUCH MERCHANDISE SHALL BE PERMITTED TO BE  
18 DISPLAYED IN A CONTINUOUS LENGTH ON THE SAME LEVEL, WHERE THE  
19 DISPLAY DOES NOT EXCEED 32 FT (9.8 M) WITHOUT THE FLAME BREAK  
20 REQUIRED IN 65.10.3.15.3.1.

21 **1:65.10.3.15.3.5** AN AISLE HAVING A MINIMUM WIDTH OF 48 IN. (1.2 M) SHALL  
22 BE PERMITTED TO SUBSTITUTE FOR THE FLAME BREAK REQUIRED IN  
23 65.10.3.15.3.1.

1 **1:65.10.3.15.3.6** WHERE DISPLAYS OF MERCHANDISE FACE AISLES THAT RUN  
2 ALONG BOTH LONG SIDES OF THE DISPLAY FIXTURES OR DISPLAY  
3 SURFACE, A FLAME BREAK SHALL BE INSTALLED LENGTHWISE BETWEEN  
4 THE ABUTTING DISPLAY FIXTURES OR ALONG THE APPROXIMATE  
5 LONGITUDINAL CENTERLINE OF THE DISPLAY SURFACE SO AS TO  
6 SEPARATE THE MERCHANDISE FACING ONE OF THE AISLES FROM THE  
7 MERCHANDISE THAT ABUTS IT FACING THE OTHER AISLE.

8 **1:65.10.3.15.3.7** FREESTANDING DISPLAY RACKS, PALLETS, TABLES, OR BINS  
9 CONTAINING PACKAGED FIREWORKS MERCHANDISE SHALL BE PERMITTED  
10 WITHOUT FLAME BREAKS, PROVIDED THE DIMENSIONS OF THE AREA  
11 OCCUPIED BY THE FIREWORKS MERCHANDISE DO NOT EXCEED 4 FT (1.2M)  
12 IN WIDTH, 8 FT (2.4M) IN LENGTH, AND 6 FT (1.8 M) IN HEIGHT, AND THE  
13 DISPLAYED FIREWORKS MERCHANDISE IS SEPARATED FROM OTHER  
14 DISPLAYS OF MERCHANDISE BY AISLES HAVING A MINIMUM CLEAR WIDTH  
15 OF 4FT (1.2M).

16 **1:65.10.3.15.3.8** WHERE BOTH OF THE FACING VERTICAL SURFACES OF THE  
17 ABUTTING DISPLAY FIXTURES ARE CONSTRUCTED OF PERFORATED  
18 HARDBOARD PANELS NOT LESS THAN 1/4 IN. (6 MM) THICK THAT ARE  
19 SEPARATED FROM EACH OTHER BY AN OPEN SPACE NOT LESS THAN 11/2 IN.  
20 (38 MM) WIDE, A FLAME BREAK SPECIFIED IN 65.10.3.15.3.6 SHALL NOT BE  
21 REQUIRED

22 **1:65.10.3.15.4 SHELVING**

23 **1:65.10.3.15.4.1** SHELVING OR OTHER SURFACES USED TO SUPPORT

1 FIREWORKS DISPLAY MERCHANDISE  
2 SHALL BE PERMITTED TO HAVE NOT MORE THAN 10 PERCENT OF THE AREA  
3 OF THE SHELF CONTAIN HOLES OR OTHER OPENINGS.

4 **1:65.10.3.15.4.2** THE 10 PERCENT LIMITATION ON THE AREA OF HOLES OR  
5 OTHER OPENINGS IN THE SHELF USED TO SUPPORT FIREWORKS DISPLAY  
6 MERCHANDISE SHALL NOT BE APPLICABLE UNDER THE FOLLOWING  
7 CONDITIONS:

8 (1). WHERE BOTH OF THE FACING VERTICAL SURFACES OF THE ABUTTING  
9 DISPLAY FIXTURES ARE CONSTRUCTED OF PERFORATED HARDBOARD  
10 PANELS NOT LESS THAN 1/4 IN. (6 MM) THICK AND SEPARATED FROM EACH  
11 OTHER BY AN OPEN SPACE NOT LESS THAN 1 1/2 IN. (38 MM) WIDE;

12 (2) WHERE SUCH MERCHANDISE IS SUSPENDED FROM OR FASTENED TO THE  
13 SHELF OR SURFACE OR IS DISPLAYED AS PACKAGED MERCHANDISE ON THE  
14 SURFACE OR IN BINS.

15 **1:65.10.3.15.4.3** FLAME BREAKS AND SOLID DISPLAY SURFACES SHALL NOT  
16 BE REQUIRED FOR PACKAGED FIREWORKS MERCHANDISE DISPLAYED IN  
17 BINS OR DISPLAY RACKS OR ON PALLETS OR TABLES LOCATED AT THE END  
18 OF A ROW OF DISPLAY FIXTURES WHERE THE FOLLOWING CONDITIONS  
19 ARE MET:

20 (1) SUCH END DISPLAYS ARE SEPARATED FROM THE ENDS OF THE DISPLAY  
21 FIXTURES BY AN OPEN SPACE NOT LESS THAN 3 IN. (76 MM) WIDE;

22 (2) THE FIREWORKS MERCHANDISE OCCUPIES AN AREA HAVING  
23 DIMENSIONS NOT GREATER THAN THE

1 WIDTH OF THE END OF THE ROW OF DISPLAY FIXTURES AND A DEPTH NOT  
2 GREATER THAN 36 IN. (910 MM);  
3 (3) THE MINIMUM REQUIRED WIDTHS OF THE ADJACENT AISLES ARE  
4 MAINTAINED, BUT IN NO CASE IS THE AISLE WIDTH LESS THAN 48 IN. (1.2 M).

5 **1:65.10.3.15.5 COVERED FUSES**

6 **1:65.10.3.15.5.1** ONLY CONSUMER FIREWORKS MEETING THE CRITERIA FOR  
7 COVERED FUSES AS DESCRIBED IN 65.10.3.15.5.2 SHALL BE PERMITTED  
8 WHERE THE RETAIL SALES OF CONSUMER FIREWORKS ARE CONDUCTED.

9 **1:65.10.3.15.5.2** A CONSUMER FIREWORKS DEVICE SHALL BE CONSIDERED  
10 AS HAVING A COVERED FUSE IF THE FIREWORKS DEVICE IS CONTAINED  
11 WITHIN A PACKAGED ARRANGEMENT, CONTAINER, OR WRAPPER THAT IS  
12 ARRANGED AND CONFIGURED SUCH THAT THE FUSE OF THE FIREWORKS  
13 DEVICE CANNOT BE TOUCHED DIRECTLY BY A PERSON HANDLING THE  
14 FIREWORKS WITHOUT THE PERSON HAVING TO PUNCTURE OR TEAR THE  
15 PACKAGING OR WRAPPER, UNSEAL OR BREAK OPEN A PACKAGE OR  
16 CONTAINER, OR OTHERWISE DAMAGE OR DESTROY THE PACKAGING  
17 MATERIAL, WRAPPING, .OR CONTAINER WITHIN WHICH THE FIREWORKS  
18 ARE CONTAINED.

19 **1:65.10.3.15.6 RESERVED**

20 **1:65.10.3.15.7 HORIZONTAL BARRIERS.** COMBUSTIBLE MATERIALS AND  
21 MERCHANDISE SHALL NOT BE STORED DIRECTLY ABOVE THE CONSUMER  
22 FIREWORKS IN RETAIL SALES DISPLAYS UNLESS A HORIZONTAL BARRIER  
23 CONSTRUCTED OF PLYWOOD AT LEAST 9.5 MM (3/8 IN.) THICK IS INSTALLED

1 DIRECTLY ABOVE THE CONSUMER FIREWORKS AS FOLLOWS:

2 (1) BARRIERS SHALL EXTEND FROM RACK FACE TO RACK FACE AND SHALL BE  
3 TIGHT TO THE VERTICAL BARRIERS;

4 (2) BARRIERS SHALL BE SUPPORTED BY HORIZONTAL RACK MEMBERS;

5 (3) TRANSVERSE VERTICAL BARRIERS CONSTRUCTED OF PLYWOOD AT LEAST  
6 9.5 MM (3/8 IN.) THICK SHALL BE PROVIDED AT THE RACK UPRIGHTS  
7 EXTENDING FROM RACK FACE TO RACK FACE;

8 (4) FOR DOUBLE-ROW RACKS, LONGITUDINAL VERTICAL BARRIERS  
9 CONSTRUCTED OF PLYWOOD AT LEAST 9.5 MM  
10 (3/8 IN.) THICK SHALL BE PROVIDED AT THE RACK UPRIGHTS IN THE CENTER OF  
11 THE RACK.

12 **1:65.10.3.16 ELECTRICAL EQUIPMENT.** ALL ELECTRICAL WIRING SHALL BE IN  
13 ACCORDANCE WITH NFPA 70.

14 **1:65.10.3.17 HEATING EQUIPMENT**

15 **1:65.10.3.17.1** HEATING UNITS SHALL BE LISTED AND SHALL BE USED IN  
16 ACCORDANCE WITH THEIR LISTING.

17 **1:65.10.3.17.2** TEMPORARY HEATING SOURCES SHALL HAVE TIP-OVER AND  
18 TEMPERATURE "OVERHEAT PROTECTION."

19 **1:65.10.3.17.3** OPEN-FLAME AND EXPOSED-ELEMENT HEATING DEVICES SHALL BE  
20 PROHIBITED.

21 **1:65.10.3.18 PORTABLE GENERATORS.**

22 **1:65.10.3.18.1** CLASS II AND CLASS III COMBUSTIBLE LIQUID GENERATOR FUEL  
23 SHALL BE LIMITED TO NOT MORE THAN 5 GAL (18.9 L).

1 **1:65.10.3.18.2** PORTABLE GENERATORS SHALL BE PERMITTED TO USE CLASS I  
2 FLAMMABLE LIQUIDS AS FUEL, PROVIDED THE QUANTITY OF SUCH FUEL IS  
3 LIMITED TO 2 GAL (7.6 L).

4 **1:65.10.3.19 OPERATIONS.**

5 **1:65.10.3.19.1 GENERAL.** MEANS OF EGRESS, INCLUDING BUT NOT LIMITED TO  
6 AISLES, DOORS, AND EXIT DISCHARGE, SHALL BE CLEAR AT ALL TIMES WHEN  
7 THE FACILITY OR THE BUILDING IS OCCUPIED.

8 **1:65.10.3.19.2 DISTANCES FROM ENTRANCES AND EXITS.**

9 **1:65.10.3.19.2.1** NO CONSUMER FIREWORKS SHALL BE DISPLAYED FOR SALE OR  
10 STORED WITHIN 5 FT (1.5 M) OF ANY PUBLIC ENTRANCE IN AN ENCLOSED  
11 BUILDING OR STRUCTURE.

12 **1:65.10.3.19.2.2** NO CONSUMER FIREWORKS SHALL BE DISPLAYED FOR SALE OR  
13 STORED WITHIN 2 FT (0.6 M) OF ANY EXIT OR PRIVATE ENTRANCE IN AN  
14 ENCLOSED BUILDING OR STRUCTURE.

15 **1:65.10.3.19.3 SECURITY.**

16 **1:65.10.3.19.3.1** CFRS FACILITIES AND STORES SHALL BE SECURED WHEN  
17 UNOCCUPIED AND NOT OPEN FOR BUSINESS, UNLESS FIREWORKS ARE NOT  
18 KEPT IN THE FACILITY DURING SUCH TIMES.

19 **1:65.10.3.19.3.2** THE FIREWORKS DISPLAYED OR STORED IN A CFRS FACILITY OR  
20 STORE SHALL BE ALLOWED TO BE REMOVED AND TRANSFERRED TO A  
21 TEMPORARY STORAGE STRUCTURE OR LOCATION.

22 **1:65.10.3.19.4** FIREWORKS SHALL NOT BE IGNITED, DISCHARGED, OR OTHERWISE  
23 USED WITHIN 300FT (91.5M) OF A CFRS FACILITY OR STORE.

1 **1:65.10.3.20 DISPLAY AND HANDLING.** NOT LESS THAN 50 PERCENT OF THE  
2 AVAILABLE FLOOR AREA WITHIN THE RETAIL SALES AREA SHALL BE OPEN  
3 SPACE THAT IS UNOCCUPIED BY RETAIL DISPLAYS AND USED ONLY FOR  
4 AISLES AND CROSS-AISLES.

5 **1:65.10.3.21 HOUSEKEEPING.**

6 **1:65.10.3.21.1** CFRS AREAS AND STORAGE ROOMS SHALL BE KEPT FREE OF  
7 ACCUMULATIONS OF DEBRIS AND RUBBISH.

8 **1:65.10.3.21.2** ANY LOOSE PYROTECHNIC COMPOSITION SHALL BE REMOVED  
9 IMMEDIATELY.

10 **1:65.10.3.21.3** VACUUM CLEANERS OR OTHER MECHANICAL CLEANING DEVICES  
11 SHALL NOT BE USED.

12 **1:65.10.3.21.4** BROOMS, BRUSHES, AND DUSTPANS USED TO SWEEP UP ANY  
13 LOOSE POWDER OR DUST SHALL BE MADE OF NON-SPARKING MATERIALS.

14 **1:65.10.3.21.5** CONSUMER FIREWORKS DEVICES THAT ARE DAMAGED SHALL BE  
15 REMOVED AND NOT OFFERED FOR SALE.

16 **1:65.10.3.21.6** DAMAGED CONSUMER FIREWORKS SHALL BE PERMITTED TO BE  
17 RETURNED TO THE DEALER OR SHALL BE DISPOSED OF ACCORDING TO THE  
18 MANUFACTURER'S INSTRUCTIONS.

19 **1:65.10.3.22 TRAINING.** ALL PERSONNEL HANDLING CONSUMER FIREWORKS  
20 SHALL RECEIVE SAFETY TRAINING RELATED TO THE PERFORMANCE OF THEIR  
21 DUTIES.

22 **1:65.10.3.23 UNDER THE INFLUENCE.** ANY PERSON SELLING CONSUMER  
23 FIREWORKS SHALL NOT KNOWINGLY SELL CONSUMER FIREWORKS TO ANY



1 PERSON WHO IS OBVIOUSLY UNDER THE INFLUENCE OF ALCOHOL OR DRUGS.

2 **1:65.10.3.24 RECORDS.**

3 **1:65.10.3.24.1** RECORDS SHALL BE MAINTAINED ON AVAILABLE INVENTORY ON  
4 THE PREMISE.

5 **1:65.10.3.24.2** RECORDS SHALL BE MADE AVAILABLE TO THE AHJ UPON  
6 REQUEST.

7 **1:65.10.4 CONSUMER FIREWORKS RETAIL SALES (CFRS) FACILITY**  
8 **REQUIREMENTS.**

9 **1:65.10.4.1 PLAN.** WHERE REQUIRED, PLANS FOR CFRS FACILITIES SHALL BE  
10 SUBMITTED TO THE AHJ WITH THE PERMIT APPLICATION.

11 **1:65.10.4.2 SITE PLAN.** THE SITE PLAN FOR TENTS SHALL SHOW THE LOCATION  
12 OF THE TENT ON THE SITE AND INDICATE THE MINIMUM SEPARATION  
13 DISTANCES REQUIRED BY 1:65.10.4.7.

14 **1:65.10.4.3 CONSTRUCTION MATERIALS.** THE FOLLOWING CONSTRUCTION  
15 MATERIALS REQUIREMENTS SHALL APPLY TO NEW PERMANENT CFRS  
16 FACILITIES IN JURISDICTIONS THAT HAVE NOT ADOPTED A LOCAL BUILDING  
17 CODE:

18 (1) BUILDINGS HAVING AN AREA UP TO AND INCLUDING 8000 FT<sup>2</sup> (743 M<sup>2</sup>)  
19 SHALL BE PERMITTED TO BE CONSTRUCTED OF ANY APPROVED  
20 CONSTRUCTION MATERIALS;

21 (2) BUILDINGS HAVING AN AREA GREATER THAN 8000 FT<sup>2</sup> (743 M<sup>2</sup>) SHALL BE  
22 CONSTRUCTED IN ACCORDANCE WITH ONE OF THE FOLLOWING:

23 (A) BUILDINGS SHALL BE CONSTRUCTED OF NONCOMBUSTIBLE OR LIMITED-

1 COMBUSTIBLE MATERIALS;  
2 (B) BUILDINGS WITH EXTERIOR WALLS HAVING A FIRE RESISTANCE RATING OF  
3 NOT LESS THAN 2 HOURS SHALL BE PERMITTED TO HAVE THE ROOF DECKING  
4 AND ITS SUPPORTING STRUCTURE AND INTERIOR PARTITIONS CONSTRUCTED  
5 OF COMBUSTIBLE MATERIALS.

6 (3) ROOF COVERINGS FOR ANY BUILDING SHALL HAVE A MINIMUM RATING OF  
7 CLASS C.

8 **1:65.10.4.4 MULTIPLE TENANT BUILDINGS.**

9 **1:65.10.4.4.1** WHERE NEW CFRS FACILITIES ARE LOCATED IN A BUILDING  
10 CONTAINING OTHER TENANTS, THE CFRS FACILITY SHALL BE SEPARATED  
11 FROM THE OTHER TENANTS BY FIRE BARRIERS HAVING NO OPENINGS AND A  
12 FIRE RESISTANCE RATING OF NOT LESS THAN 2 HOURS.

13 **1:65.10.4.4.2** WHERE THE NEW CFRS FACILITY IS PROTECTED PER SECTION 13.3  
14 AND *NFPA 13*, THE FIRE RESISTANCE RATING OF THE FIRE BARRIER REQUIRED  
15 BY 1:65.10.4.4.1 SHALL BE PERMITTED TO BE NOT LESS THAN 1 HOUR.

16 **1:65.10.4.4.3** ANY PENETRATIONS OF THE FIRE BARRIER SHALL BE PROTECTED IN  
17 ACCORDANCE WITH *NFPA 101*.

18 **1:65.10.4.5 FIRE PROTECTION.**

19 **1:65.10.4.5.1** AUTOMATIC SPRINKLER SYSTEM ALARM. ANY WATER FLOW  
20 ALARM DEVICE SHALL BE ARRANGED TO ACTIVATE AUDIBLE AND VISUAL  
21 ALARMS THROUGHOUT THE CFRS FACILITY IN ACCORDANCE WITH SECTION  
22 13.7 AND *NFPA 72*.

23 **1:65.10.4.5.2** PORTABLE FIRE EXTINGUISHERS. PORTABLE FIRE EXTINGUISHERS

1 FOR TEMPORARY CFRS FACILITIES SHALL BE INSTALLED AND LOCATED SO  
2 THAT THE MAXIMUM DISTANCE OF TRAVEL REQUIRED TO REACH AN  
3 EXTINGUISHER FROM ANY POINT DOES NOT EXCEED 35 FT (10.6 M).

4 **1:65.10.4.5.3 PUBLIC NOTIFICATION.** IN PERMANENT CFRS FACILITIES GREATER  
5 THAN 3000 FT<sup>2</sup> (278.6 M<sup>2</sup>) IN AREA, A PUBLIC ADDRESS SYSTEM OR A MEANS  
6 FOR MANUALLY ACTIVATING AUDIBLE AND VISIBLE ALARM INDICATING  
7 DEVICES LOCATED THROUGHOUT THE FACILITY IN ACCORDANCE WITH  
8 SECTION 13.7 AND NFPA 72 SHALL BE PROVIDED AT A CONSTANTLY ATTENDED  
9 LOCATION WHEN THE CFRS FACILITY IS OCCUPIED.

10 **1:65.10.4.6 SITE REQUIREMENTS.**

11 **1:65.10.4.6.1 CLEARANCE TO COMBUSTIBLES.** THE AREA LOCATED WITHIN 30  
12 FT (9 M) OF A CFRS FACILITY SHALL BE KEPT FREE OF ACCUMULATED DRY  
13 GRASS, DRY BRUSH, AND COMBUSTIBLE DEBRIS.

14 **1:65.10.4.6.2 PARKING.** NO MOTOR VEHICLE OR TRAILER USED FOR THE  
15 STORAGE OF CONSUMER FIREWORKS SHALL BE PARKED WITHIN 10 FT (3 M) OF  
16 A CFRS FACILITY, EXCEPT WHEN DELIVERING, LOADING, OR UNLOADING  
17 FIREWORKS OR OTHER MERCHANDISE AND MATERIALS USED, STORED, OR  
18 DISPLAYED FOR SALE IN THE FACILITY.

19 **1:65.10.4.6.3 FIREWORKS DISCHARGE.** AT LEAST ONE SIGN THAT READS AS  
20 FOLLOWS, IN LETTERS AT LEAST 4IN: (102 MM) HIGH ON A CONTRASTING  
21 BACKGROUND, SHALL BE CONSPICUOUSLY POSTED ON THE EXTERIOR OF  
22 EACH SIDE OF THE CFRS FACILITY: "NO FIREWORKS DISCHARGE WITHIN 300  
23 FEET"

1 **1:65.10.4.7 SEPARATION DISTANCES.**

2 **1:65.10.4.7.1 PERMANENT FACILITIES.**

3 **1:65.10.4.7.1.1 NEW FACILITIES. NEW PERMANENT CONSUMER FIREWORKS**

4 RETAIL SALES FACILITIES SHALL BE SEPARATED FROM ADJACENT

5 PERMANENT BUILDINGS AND STRUCTURES IN ACCORDANCE WITH

6 TABLE 1:65.10.4.7.1.1.

7 **TABLE 1:65.10.4.7.1.1 SEPARATION DISTANCES BETWEEN NEW PERMANENT**

8 **BUILDINGS AND STRUCTURES**

SEPARATION DISTANCES		EXTERIOR WALL FIRE RESISTANCE RATING (HR)	EXTERIOR WALL OPENING PROTECTION RATING (HR)
FT	M		
<10	<3.05	2	1 %
10 TO <60	3.05 TO <18.3	1	%
60	18.3	0	0

9

10 **1:65.10.4.7.1.2 EXISTING FACILITIES. EXISTING PERMANENT CFRS**

11 FACILITIES SHALL BE SEPARATED FROM ADJACENT PERMANENT

12 BUILDINGS AND STRUCTURES BY NOT LESS THAN 10 FT. (3.05 M) OR SHALL

13 BE SEPARATED BY A WALL WITH A 1-HOUR FIRE RESISTANCE RATING.

14 **1:65.10.4.7.2 TEMPORARY FACILITIES. TEMPORARY CFRS FACILITIES SHALL**

15 BE LOCATED AS SPECIFIED IN TABLE 65.10.4.7.2.

16 **TABLE 1:65.10.4.7.2 TEMPORARY CFRS FACILITIES – MINIMUM SEPARATION**

DISTANCES	Buildings		Combustibles <sup>3</sup>		Tents		Vehicle Parking		Stands <sup>o</sup>		Storage of Consumer Fireworks	
	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
Tents <sup>o</sup>	20	6.1	20	6.1	20	6.1	10	3.05	20	6.1	20	6.1
Stands <sup>o</sup>	20	6.1	10	3.05	20	6.1	10	3.05	5a	1.5a	20	6.1

19

20

1 A. THE REQUIRED CLEARANCES TO COMBUSTIBLES SHALL ALSO COMPLY  
2 WITH 65.10.4.6.1.  
3 B. TENTS REFERS TO TEMPORARY RETAIL SALES OF CONSUMER FIREWORKS IN  
4 TENTS, CANOPIES, AND MEMBRANE STRUCTURES.  
5 C. STANDS REFERS TO TEMPORARY CFRS STANDS.  
6 D. WHERE STANDS ARE SEPARATED FROM EACH OTHER BY LESS THAN 20 FT  
7 (6.1 M), THE AGGREGATE AREA OF SUCH STANDS SHALL NOT EXCEED 800 FT<sup>2</sup>  
8 (74 M<sup>2</sup>).

9 **1:65.10.4.8 MEANS OF EGRESS.**

10 **1:65.10.4.8.1 GENERAL.**

11 **1:65.10.4.8.1.1** MEANS OF EGRESS IN CFRS FACILITIES SHALL COMPLY WITH  
12 THE APPLICABLE REQUIREMENTS OF CHAPTER 14 AND NFPA 101, AS  
13 MODIFIED BY 1:65.10.3.14 AND 1:65.10.4.8.

14 **1:65.10.4.8.1.2** MEANS OF EGRESS IN TENTS AND MEMBRANE STRUCTURES  
15 USED FOR RETAIL SALES OF CONSUMER FIREWORKS SHALL ALSO COMPLY  
16 WITH NFPA 102, AS MODIFIED BY 1:65.10.3: 14 AND 1:65.10.4.8.

17 **1:65.10.4.8.2** THE EVACUATION PLAN SHALL BE POSTED IN A CONSPICUOUS  
18 LOCATION THAT IS ACCESSIBLE TO THE PUBLIC AS WELL AS TO PERSONS  
19 EMPLOYED OR OTHERWISE WORKING IN THE CFRS FACILITY.

20 **1:65.10.4.8.3** EXIT SIGNS SHALL NOT BE REQUIRED TO BE ILLUMINATED IN  
21 TENTS THAT ARE NOT OPEN FOR BUSINESS AFTER DUSK.

22 **1:65.10.4.8.4** EMERGENCY LIGHTING SHALL NOT BE REQUIRED IN TENTS THAT  
23 ARE NOT OPEN FOR BUSINESS AFTER DUSK.

1 **1:65.10.4.8.5** EXIT OPENINGS FROM TENTS SHALL HAVE A CLEAR OPENING  
2 WIDTH OF NOT LESS THAN 44 IN. (1100 MM).

3 **1:65.10.4.9 SOURCE OF IGNITION.**

4 **1:65.10.4.9.1 TEMPORARY ELECTRICAL EQUIPMENT.** BATTERY POWERED  
5 EQUIPMENT, ELECTRICAL EQUIPMENT, AND ELECTRICAL CORDS THAT ARE  
6 USED IN CONJUNCTION WITH A CFRS FACILITY AREA SHALL BE LISTED AND  
7 SHALL BE USED IN ACCORDANCE WITH THEIR LISTING.

8 **1:65.10.4.9.1.1** TEMPORARY WIRING INSTALLED IN A TEMPORARY  
9 STRUCTURE, INCLUDING TENTS AND CANOPIES, SHALL COMPLY WITH NFPA  
10 70.

11 **1:65.10.4.9.1.2** WHERE TEMPORARY ELECTRICAL CONDUCTORS ARE PLACED  
12 ON TOP OF AN OUTDOOR SURFACE TO CONNECT THE PERMANENT POWER  
13 SOURCE TO THE TEMPORARY CFRS FACILITY'S TEMPORARY ELECTRICAL  
14 SYSTEM, THE CONDUCTORS SHALL BE PROVIDED WITH PHYSICAL  
15 PROTECTION AGAINST DAMAGE CAUSED BY PEDESTRIAN OR VEHICULAR  
16 TRAFFIC.

17 **1:65.10.4.9.2 PORTABLE GENERATORS.**

18 **1:65.10.4.9.2.1** PORTABLE GENERATORS SUPPLYING POWER TO CFRS  
19 FACILITIES SHALL USE ONLY CLASS II OR CLASS ILL COMBUSTIBLE LIQUID  
20 FUELS.

21 **1:65.10.4.9.2.2** PORTABLE GENERATORS SHALL BE LOCATED NOT LESS THAN  
22 20 FT (6.1 M) FROM THE CFRS FACILITY.

23 **1:65.10.4.9.2.3** GENERATOR FUELS SHALL BE STORED NOT LESS THAN 20 FT (6.1

1 M) FROM THE CFRS FACILITY.

2 **1:65.10.4.9.2.4** WHERE THE GENERATOR FUEL STORAGE IS LOCATED NOT LESS

3 THAN 50 FT

4 (15.2M) FROM THE CFRS FACILITY, THE QUANTITY OF SUCH FUEL SHALL NOT

5 BE LIMITED BY

6 1:65.10.3.18.

7 **1:65.10.4.9.3 COOKING EQUIPMENT.**

8 **1:65.10.4.9.3.1** COOKING EQUIPMENT OF ANY TYPE SHALL NOT BE

9 PERMITTED WITHIN 20FT (6.1 M)

10 OF TENTS, CANOPIES, OR MEMBRANE STRUCTURES USED FOR THE STORAGE

11 OR SALE OF CONSUMER

12 FIREWORKS.

13 **1:65.10.4.9.3.2** OPEN FLAME COOKING EQUIPMENT OF ANY TYPE SHALL NOT

14 BE ALLOWED WITHIN 50FT

15 (15.2M) OF TENTS, CANOPIES, OR MEMBRANE STRUCTURES USED FOR THE

16 STORAGE OR SALE OF CONSUMER

17 FIREWORKS.

18 **1:65.10.4.10. QUANTITY LIMITATIONS.** THE FLOOR AREA OCCUPIED BY THE

19 RETAIL DISPLAYS OF CONSUMER FIREWORKS IN PERMANENT CFRS

20 FACILITIES SHALL NOT EXCEED 40 PERCENT OF THE AVAILABLE FLOOR

21 AREA WITHIN THE RETAIL SALES AREA.

22 **1:65.10.4.11 FLAME BREAKS.** IN CFRS FACILITIES THE LONGITUDINAL FLAME

23 BREAK REQUIRED IN

1 1:65.10.3.15.3.6 SHALL NOT BE REQUIRED WHERE THE DISPLAY FIXTURE OR  
2 SURFACE IS ADJACENT TO AN  
3 AISLE THAT IS NOT USED FOR PUBLIC EGRESS.

4 **1:65.10.5 STORES.**

5 **1:65.10.5.1 GENERAL.**

6 **1:65.10.5.1.1** FOR THE PURPOSE OF THIS CHAPTER, STORES IN WHICH RETAIL  
7 SALES OF CONSUMER

8 FIREWORKS ARE CONDUCTED SHALL NOT BE CONSIDERED CFRS FACILITIES  
9 AS DEFINED IN 3.3.72 WHERE

10 BOTH OF THE FOLLOWING CONDITIONS EXIST:

11 (1)THE AREA OF THE RETAIL SALES FLOOR OCCUPIED BY THE RETAIL  
12 DISPLAYS OF CONSUMER FIREWORKS

13 DOES NOT EXCEED 25 PERCENT OF THE AREA OF THE RETAIL SALES FLOOR  
14 IN THE BUILDING OR

15 600 FT<sup>2</sup> (55.5 M<sup>2</sup>), WHICHEVER IS LESS;

16 (2) THE CONSUMER FIREWORKS ARE DISPLAYED AND SOLD IN A MANNER  
17 APPROVED BY THE AHJ AND

18 COMPLY WITH THE APPLICABLE PROVISIONS OF THIS CODE, FEDERAL AND  
19 STATE LAW, AND LOCAL

20 ORDINANCES.

21 **1:65.10.5.1.2** CONSUMER FIREWORKS DISPLAYED FOR SALE IN STORES SHALL  
22 COMPLY WITH THE

23 FOLLOWING:



1 (1) SUCH FIREWORKS SHALL BE UNDER THE VISUAL SUPERVISION OF A  
2 STORE EMPLOYEE OR OTHER  
3 RESPONSIBLE PARTY WHILE THE STORE IS OPEN TO THE PUBLIC;  
4 (2) SUCH FIREWORKS SHALL BE PACKAGED FIREWORKS MERCHANDISE;  
5 (3) SUCH FIREWORKS SHALL BE PACKAGED AND DISPLAYED FOR SALE IN  
6 A MANNER THAT WILL LIMIT TRAVEL DISTANCE OF EJECTED  
7 PYROTECHNICAL COMPONENTS IF IGNITION OF THE FIREWORKS  
8 OCCURS;

9 **1:65.10.5.2 EGRESS.** MEANS OF EGRESS IN STORES SHALL COMPLY WITH  
10 CHAPTER 14 AND NFPA  
11 101, UNLESS OTHERWISE SPECIFIED IN 65.10.3.14.

12 **1:65.10.5.3 STORAGE ROOMS.** STORAGE ROOMS CONTAINING CONSUMER  
13 FIREWORKS IN A NEW PERMANENT STORE SHALL BE PROTECTED WITH AN  
14 AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION  
15 13.3 AND NFPA 13 OR SEPARATED FROM THE RETAIL SALES AREA BY A FIRE  
16 BARRIER HAVING A FIRE RESISTANCE RATING OF NOT LESS THAN 1 HOUR.

17 **1:65.10.5.3.1** DOOR AND WINDOW OPENINGS IN THE FIRE BARRIER WALL SHALL  
18 BE PROTECTED BY SELF  
19 CLOSING FIRE DOORS OR FIXED FIRE WINDOWS HAVING A FIRE PROTECTION  
20 RATING OF NOT LESS THAN 1 HOUR

21 AND SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 12.4 AND NFPA 80.

22 **1:65.10.5.3.2** ANY OTHER OPENINGS OR PENETRATIONS IN THE FIRE BARRIER  
23 WALL SHALL BE PROTECTED IN

1 ACCORDANCE WITH NFPA 101.

2 **1:65.10.5.4 ALARM NOTIFICATION.** IN CLASS B STORES, A PUBLIC ADDRESS  
3 SYSTEM OR A MEANS FOR  
4 MANUALLY ACTIVATING AUDIBLE AND VISIBLE ALARM INDICATING DEVICES  
5 LOCATED THROUGHOUT THE FACILITY  
6 IN ACCORDANCE WITH SECTION 13.7 AND NFPA 72 SHALL BE PROVIDED AT A  
7 CONSTANTLY ATTENDED  
8 LOCATION WHEN THE STORE IS OCCUPIED.

9 **1:65.10.5.5 FLAME BREAKS** SHALL BE ALLOWED TO BE OMITTED IN STORES  
10 PROTECTED THROUGHOUT WITH AN  
11 AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION  
12 13.3 AND NFPA 13.

13 **1:65.10.6 STANDS.**

14 **1:65.10.6.1 SITE PLAN.** THE SITE PLAN FOR STANDS SHALL SHOW THE LOCATION  
15 OF THE STAND ON THE SITE AND INDICATE THE MINIMUM SEPARATION  
16 DISTANCES REQUIRED BY 1:65.10.4.7.

17 **1:65.10.6.2 TEMPORARY STANDS.**

18 **1:65.10.6.2.1 PORTABLE FIRE EXTINGUISHER.** TEMPORARY CFRS STANDS OF  
19 LESS THAN 200 FT<sup>2</sup> (18.6 M<sup>2</sup>) SHALL BE REQUIRED TO HAVE ONLY ONE  
20 PORTABLE FIRE EXTINGUISHER.

21 **1:65.10.6.2.2 FIRE SAFETY AND EVACUATION PLAN.** AN APPROVED FIRE SAFETY  
22 AND EVACUATION PLAN  
23 SHALL NOT BE REQUIRED FOR TEMPORARY CFRS STANDS.

1 **1:65.10.6.2.3 MEANS OF EGRESS.**

2 **1:65.10.6.2.3.1** RETAIL SALES AREAS WITHIN TEMPORARY CFRS STANDS SHALL  
3 HAVE A MINIMUM OF TWO  
4 EXITS.

5 **1:65.10.6.2.3.2** EXITS PROVIDED FOR TEMPORARY FIREWORKS RETAIL SALES  
6 STANDS SHALL BE LOCATED SUCH  
7 THAT THE MAXIMUM EGRESS TRAVEL DISTANCE AS MEASURED FROM THE  
8 MOST REMOTE POINT TO AN EXIT  
9 ALONG THE NATURAL AND UNOBSTRUCTED PATH OF EGRESS TRAVEL DOES  
10 NOT EXCEED 35 FT (10.6 M).

11 **1:65.10.6.2.3.3** CUSTOMERS SHALL NOT BE PERMITTED INSIDE A TEMPORARY  
12 CFRS STAND UNLESS IT  
13 COMPLIES WITH THE MEANS OF EGRESS REQUIREMENTS IN 1:65.10.3.14.

14 **1:65.10.6.2.3.4** EXIT SIGNS SHALL NOT BE REQUIRED TO BE ILLUMINATED IN  
15 STANDS THAT ARE NOT OPEN FOR  
16 BUSINESS AFTER DUSK, OR IN TEMPORARY CFRS STANDS WHERE THE INTERIOR  
17 IS NOT ACCESSIBLE TO THE  
18 PUBLIC.

19 **1:65.10.6.2.3.5** EMERGENCY LIGHTING SHALL NOT BE REQUIRED IN STANDS THAT  
20 ARE NOT OPEN FOR BUSINESS  
21 AFTER DUSK OR FOR TEMPORARY CFRS STANDS WHERE THE INTERIOR IS NOT  
22 ACCESSIBLE TO THE PUBLIC.

23 **1:65.10.6.3 MINIMUM SEPARATION DISTANCES.** TEMPORARY CFRS STANDS

1 SHALL BE SEPARATED FROM  
2 ADJACENT BUILDINGS AND STRUCTURES IN ACCORDANCE WITH TABLE  
3 1:65.10.4.7.2.

4 **1:65.10.6.4 STANDS NOT OPEN TO THE PUBLIC.**

5 **1:65.10.6.4.1 MINIMUM CLEAR WIDTH OF AISLES.** IN TEMPORARY CFRS STANDS  
6 WHERE THE INTERIOR IS NOT ACCESSIBLE TO THE PUBLIC, THE MINIMUM CLEAR  
7 WIDTH OF THE AISLE SHALL BE PERMITTED TO BE NOT  
8 LESS THAN 28 IN. (710 MM).

9 **1:65.10.6.4.2 EGRESS DOORS.**

10 **1:65.10.6.4 .2.1** EGRESS DOORS PROVIDED FOR TEMPORARY CFRS STANDS WHERE  
11 THE INTERIOR IS NOT  
12 ACCESSIBLE TO THE PUBLIC SHALL BE PERMITTED TO BE NOT LESS THAN 28 IN.  
13 (710 MM) IN WIDTH.

14 **1:65.10.6.4.2.2** FOR TEMPORARY CFRS STANDS WHERE THE INTERIOR IS NOT  
15 ACCESSIBLE TO THE PUBLIC,  
16 LATCHING DEVICES ON DOORS SHALL BE PERMITTED WITHOUT PANIC  
17 HARDWARE.

18 **1:65.10.6.4.3 STORAGE.** IN TEMPORARY CFRS STANDS WHERE THE INTERIOR IS  
19 NOT ACCESSIBLE TO THE  
20 PUBLIC, THE MAXIMUM HEIGHT OF SALES DISPLAYS SHALL BE LIMITED TO 8 FT  
21 (2.44 M).

22 **1:65.10.6.4.4 FLAME BREAKS.** TEMPORARY CFRS STANDS WHERE THE INTERIOR  
23 IS NOT ACCESSIBLE TO THE PUBLIC SHALL NOT BE REQUIRED TO COMPLY WITH

1 1:65.10.3.15.3.

2 **1:65.10.6.4.5 COVERED FUSES.**

3 **1:65.10.6.4.5.1** ONLY CONSUMER FIREWORKS MEETING THE CRITERIA FOR  
4 COVERED FUSES AS DESCRIBED IN

5 1:65.10.3.15.5.2 SHALL BE PERMITTED WHERE THE RETAIL SALES OF CONSUMER  
6 FIREWORKS ARE CONDUCTED.

7 **1:65.10.6.4.6 SALES DISPLAY.** THE FOLLOWING SHALL APPLY TO THE SALES  
8 DISPLAY OF CONSUMER

9 FIREWORKS IN TEMPORARY CFRS STANDS THAT DO NOT ALLOW ACCESS TO  
10 THE INTERIOR OF THE STAND BY THE  
11 PUBLIC:

12 (1) CONSUMER FIREWORKS SHALL BE DISPLAYED IN A MANNER THAT  
13 PREVENTS THE FIREWORKS FROM BEING  
14 HANDLED BY PERSONS OTHER THAN THOSE OPERATING, SUPERVISING, OR  
15 WORKING IN THE TEMPORARY CFRS  
16 STAND.

17 (2) THE HANDLING REQUIREMENTS OF 1:65.10.6.4.6(1) SHALL NOT APPLY TO  
18 PACKAGED ASSORTMENTS,  
19 BOXES, OR SIMILARLY PACKAGED CONTAINERS OF ONE OR MORE ITEMS,  
20 REGARDLESS OF TYPE. H

21 AMEND SECTION 74.1 REFERENCE TO NFPA 400 TO DELETE SUBSECTION 11.1.3.

22 **Chapter 66 Flammable and Combustible Liquids**

23 **1:66.6.2 Signs Required:** The Chief or designee may require any establishment storing or

1 handling flammable or combustible liquids to be plainly marked with signs at all entrances to  
2 areas where flammable or combustible liquids are stored or used, and at any other point as  
3 required. Such signs shall comply with the standards in NFPA 704. Degrees of hazard shall be  
4 assigned in accordance with the standards in NFPA 30.

5 **Chapter 69 LPG And LNG**

6 **1:69.2.1.4.2.1 Emergency Telephone Numbers:** Every container with an aggregate water  
7 capacity of 100 pounds or more shall display a placard or other suitable permanent sign that  
8 displays a 24 hour emergency telephone number that will enable the Fire Official to contact a  
9 representative of the gas supplier at any time in the event of an emergency. Such sign must be  
10 designed so as to be capable of being read at a distance of not less than 100 feet (minimum  
11 lettering size 2-inch letters with 3/8-inch stroke).

12 **Section 6.** And Be It Further Enacted, that Sections 2.2.1, 3.3.62.3, 3.3.142.1, 3.3.190.12, 4.5.8,  
13 4.6.12.1, 4.6.12.3, 4.7.1, 4.7.6, 4.8.2.4, 6.1.4.1, 7.2.1.5.12, 7.2.1.6.3.1, 7.2.1.7.1, 7.2.1.7.3,  
14 7.5.4.1.5, 7.9.1.2, 7.10.1.8.1, 9.6.1.3, 9.6.2.6.1, 9.6.5.2.1, 9.7.1.1.1, 9.7.5, 9.11.1, 11.8.6.3,  
15 11.8.3.1.1, 11.11.2.1, 12.2.4.1, 13.2.4.1, 13.3.5.1.1, 14.3.5.6, 14.7.2.3, 15.3.5.6, 15.7.2.3,  
16 16.1.1.9, 16.2.11.1.1(4), 16.6.1.1.2, 16.6.1.4.1.1, 16.6.1.4.1.2, 16.6.1.7.1, 16.6.2.1.1, 16.6.2.2,  
17 16.6.2.3, 16.6.2.4.5, 16.6.3.4.3.1, 16.7.5, 16.7.5.1, 17.1.1.8, 17.2.11.1.1(4), 17.6.1.1.2,  
18 17.6.1.4.1.1, 17.6.1.4.1.2, 17.6.1.7.1, 17.6.2.1.1, 17.6.2.2, 17.6.2.3, 17.6.2.4.5, 17.6.3.4.4, 17.7.5,  
19 17.7.5.1, 22.4.5.1.3, 22.4.5.1.4, 23.4.5.1.3, 23.4.5.1.4, 24.1.1.2, 24.2.2.3.3(5), 24.2.2.3.3(6),  
20 24.2.5.1.4, 26.1.1.1, 30.3.4.1.1.1, 30.3.4.1.1.1.1, 31.3.4.1.1, 31.3.4.1.1.1, 32.2.2.3.1(5),  
21 32.2.2.3.1(6), 33.1.1.7, 33:2.2.3.1(5), 33.2.2.3.1(6), 33.3.3.4.8.1, 36.4.4.7.3.2, 38.2.4.4(3)(a),  
22 42.3.4.1.2, 42.3.4.1.2.1, 42.3.4.1.3, 42.8.2.2.3.5, 43.8.3.4.1.3 are hereby added to the National  
23 Fire Protection Association 101 Life Safety Code, 2015 Edition, to read as follows:

1 **101:2.2 NFPA 13** STANDARD FOR INSTALLATION OF SPRINKLER SYSTEMS 2016  
2 EDITION.

3 **NFPA 13D** STANDARD FOR INSTALLATION OF SPRINKLER SYSTEMS IN ONE AND  
4 TWO FAMILY DWELLING 2016 EDITION.

5 **NFPA 13R** STANDARD FOR INSTALLATION OF SPRINKLER SYSTEMS IN LOW-RISE  
6 RESIDENTIAL OCCUPANCIES 2016 EDITION.

7 **101:2.2.1 Wherever NFPA 5000 Is Referenced**, other than for extracted text, substitute the  
8 Baltimore County Building Code.

9 **101:2.2.2 NFPA Publications**,

10 NFPA 1124, MANUFACTURE, TRANSPORTATION, STORAGE, AND RETAIL SALES OF  
11 FIREWORKS AND PYROTECHNIC ARTICLES, 2006 EDITION.

## 12 **Chapter 3 Definitions**

13 **101:3.3.62.3 Bulkhead Door** means a type of door assembly covering an opening in the ground  
14 providing direct access to a basement, the floor of which is not more than eight feet below  
15 ground level. The door consists of a single rigid leaf, or two overlapping rigid leafs or covers,  
16 which need to be pushed or lifted upwards in order to be opened. A person, after opening the  
17 door, can then walk up a series of steps in order to escape to the outside.

18 **101:3.3.142.1 Day-Care Home** means a building or portion of a building in which not more than  
19 12 clients receive care, maintenance, and supervision by other than their relative(s) or legal  
20 guardian(s) for less than 24 hours per day.

21 **101:3.3.190.4 Day-Care Occupancy** means an occupancy in which clients receive care,  
22 maintenance, and supervision by other than their relatives or legal guardians for less than 24  
23 hours per day.

1 **101:3.3.190.12 RESIDENTIAL BOARD AND CARE OCCUPANCY.** AN OCCUPANCY  
2 USED FOR LODGING AND BOARDING OF FOUR OR MORE RESIDENTS NOT  
3 RELATED BY BLOOD OR MARRIAGE TO THE OWNERS OR OPERATORS, FOR THE  
4 PURPOSE OF PROVIDING PERSONAL CARE SERVICES.

5 **101:3.3.200.1 OUTSIDER:** A PERSON NOT RELATED BY BLOOD, MARRIAGE OR  
6 ADOPTION.

7 **Chapter 4 General**

8 **101:4.5.8 Maintenance.** Whenever or wherever any device, equipment, system, condition,  
9 arrangement, level of protection, or any other feature is required, such device, equipment,  
10 system, condition, arrangement, level of protection, or other feature shall thereafter be  
11 maintained, unless this code exempts such maintenance.

12 **101:4.6.12.1 Maintenance.** Whenever or wherever any device, equipment, system, condition,  
13 arrangement, level of protection, fire-resistive construction, or any other feature is required, such  
14 device, equipment, system, condition, arrangement, level of protection, fire resistive  
15 construction, or other feature shall thereafter be continuously maintained in accordance with  
16 applicable NFPA requirements, requirements developed as part of a performance-based design,  
17 or as directed by the AHJ.

18 **101:4.6.12.3 Existing Life Safety Features** obvious to the public, if not required, shall be either  
19 maintained or removed. The requirements of this code are not intended to provide the basis for  
20 removal or abrogation of fire protection and safety systems and devices in existing structures.  
21 Removal shall require approval of AHJ.

22 **101:4.7.1 Fire Drills:** Where required, emergency egress and relocation drills conforming to the  
23 provisions of this code shall be conducted as specified by the provisions of chapters 11 through



1 43, or by appropriate action of the Authority Having Jurisdiction. Drills shall be designed in  
2 cooperation with the local authorities.

3 **101:4.7.6:** A written record of all fire drills shall be maintained for two years and shall be readily  
4 available for reference and inspection purposes.

5 **101:4.8.2.4 Emergency Action Plans** shall be maintained in a location approved by the AHJ.

## 6 **Chapter 6 Classification**

7 **101:6.1.4.1 Day-Care Occupancy** means an occupancy in which clients receive care,  
8 maintenance, and supervision by other than their relatives or legal guardians for less than 24  
9 hours per day.

10 **101:6.1.9.1 RESIDENTIAL BOARD AND CARE OCCUPANCY.** AN OCCUPANCY  
11 USED FOR LODGING AND BOARDING OF FOUR OR MORE RESIDENTS NOT  
12 RELATED BY BLOOD OR MARRIAGE TO THE OWNERS OR OPERATORS, FOR THE  
13 PURPOSE OF PROVIDING PERSONAL CARE SERVICES.

## 14 **Chapter 7 Means Of Egress**

15 **101:7.2.1.5.12 Locks, Latches and Alarm Devices** shall not be installed in connection with any  
16 door assembly on which panic hardware or fire exit hardware is provided where such devices  
17 prevent or are intended to prevent the free use of the leaf for purposes of egress, unless otherwise  
18 provided in 7.2.1.6.

19 **101:7.2.1.6.3.1 Elevator Lobby Exit Access Door Assemblies Locking,** where permitted by  
20 the AHJ and Chapters 11 through 43, door assemblies separating the elevator lobby from the exit  
21 access required by 7.4.1.6.1 shall be permitted to be electrically locked, provided that all the  
22 requirements of 7.2.1.6.3 are met and the assembly is approved by the AHJ.

23 **101:7.2.1.7.1 Panic Hardware and Fire Exit Hardware,** where a door assembly is equipped  
24 with panic or fire exit hardware, such hardware shall meet all the following criteria:

1 (1) It shall consist of a cross bar or a push pad, the actuating portion of which extends across not  
2 less than one-half of the width of the door leaf.

3 (2) It shall mount as follows:

4 (a) New installations shall be not less than 34 in. (865 mm), and not more than 48 in. (1220mm),  
5 above the floor.

6 (b) Existing installations shall not be less than 30 in (760 mm), and not more than 48 in.  
7 (1220mm), above the floor.

8 (3) It shall be constructed so that a horizontal force not to exceed 15 lbf (66 N) actuates the cross  
9 bar or push pad and latches.

10 **101:7.2.1.7.3 Panic Hardware and Fire Exit Hardware**, in other than detention and  
11 correctional occupancies as otherwise provided in Chapter 22 and 23, shall not be equipped with  
12 any locking device, set screw, or other arrangement that prevents the release of the latch when  
13 pressure is applied to the releasing device.

14 **101:7.5.4.1.5 Accessible Means of Egress** requirements shall not apply to open structures or  
15 open-air parking structures or portions thereof.

16 **101:7.9.1.2** For the purposes of 7.9.1.1; **Exit Access** shall include, but not be limited to,  
17 designated stairs, aisles, corridors, ramps, escalators, and passageways leading to an exit; **Exit**  
18 **Discharge** shall include, but not be limited to, designated stairs, ramps, aisles, walkways, and  
19 escalators leading to a public way.

20 **101:7.10.1.8.1 Color:** With the effective date of this code, any new or replacement exit signs  
21 shall have green letters on a white background or other approved distinguishable background  
22 color.

23 **Chapter 9 Building Services and Fire Protection Equipment**

1 **Fire Alarm Systems**

2 **101:9.6.1.3** FIRE ALARM SYSTEMS SHALL BE INSTALLED, TESTED, AND  
3 MAINTAINED IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF NFPA  
4 70, NATIONAL ELECTRICAL CODE, AND NFPA 72, NATIONAL FIRE ALARM AND  
5 SIGNALING CODE, UNLESS IT IS AN APPROVED EXISTING INSTALLATION, WHICH  
6 SHALL BE PERMITTED TO BE CONTINUED IN USE.

7 **101:9.6.2.6.1** Section 9.6.2.6 does not permit the omission of manual fire **Alarm Boxes** in  
8 accordance with other provisions of this subsection unless specifically permitted by chapters 11 through  
9 43.

10 **101:9.6.5.2.1 Manual Fire Alarm Initiation** shall not activate floor or zone dependent smoke  
11 control systems.

12 **101:9.7.1.1.1 Drop-Out Ceilings** as referenced in NFPA 13, subsection 8.15.15, shall be  
13 prohibited for new ceiling installations.

14 **101:9.11.1 Maintenance and Testing.** All automatic sprinklers and standpipe systems shall be  
15 inspected, tested, and maintained in accordance with NFPA 25, Standard for the Inspection,  
16 Testing, and Maintenance of Water-Based Fire Protection Systems.

17 **Chapter 11 Special Structures and High-Rise Buildings**

18 **101:11.8.3.1.1:** High rise buildings do not include a structure or building used exclusively for  
19 open-air parking.

20 **101:11.8.6.3 Fire Safety Plan Location.** A complete copy of the fire safety plan  
21 shall be kept and maintained at all times in a suitable information cabinet which shall be  
22 permanently mounted adjacent to the high rise command center referenced in the Building Code  
23 of Baltimore County, Maryland. The cabinets shall also be utilized to house other emergency  
24 information and equipment, including: elevator keys, elevator hoist way access keys, keys to fire

1 protection equipment, other pertinent information, keys, and equipment such as the building  
2 owner may wish to make accessible during an emergency situation.

3 **101:11.11 Tents**

4 **101:11.11.2.1** All tent fabric shall meet the **Flame Propagation** performance criteria  
5 contained in NFPA 701, standard methods of fire tests for flame propagation of textiles and  
6 films, or other approved testing standard approved by the State Fire Marshal.

7 **Chapter 12 New Assembly Occupancies**

8 **101:12.2.4.1: The Number of Means of Egress** shall be in accordance with Section 7.4, other  
9 than exits for fenced outdoor assembly occupancies with 12.2.4.4.

10 (1) Not less than two separate exits shall be provided on every story.

11 (2) Not less than two separate exits shall be accessible from every part of every story.

12 **Chapter 13 Existing Assembly Occupancies**

13 **101:13.2.4.1: The Number of Means of Egress** shall be in accordance with Section  
14 7.4, other than exits for fenced outdoor assembly occupancies with 12.2.4.4.

15 (1) Not less than two separate exits shall be provided on every [floor] STORY.

16 (2) Not less than two separate exits shall be accessible from every part of every story.

17 **101:13.3.5.1.1 Existing Assembly Occupancies** listed in section 13.3.5.1 of NFPA 101 may be  
18 exempt from the sprinkler requirements of that section if there has not been a history of  
19 significant life safety violations. Examples of significant life safety violations include a history  
20 of severe overcrowding, failure to maintain exits, or other violations that pose an imminent threat  
21 to life safety as determined by the [Fire Marshal] FIRE CHIEF OR DESIGNEE.

22 **Chapter 14 New Educational Occupancies**

23 **101:14.3.5.6 Extinguishers:** Portable fire extinguishers shall be provided in accordance with

1 section 9.7.4.1 in all new educational occupancies. Designated employees shall be instructed in  
2 the use of portable fire extinguishers.

3 **101:14.7.2 EMERGENCY EGRESS DRILLS**

4 **101:14.7.2.3 FIRE EMERGENCY EGRESS DRILLS SHALL BE CONDUCTED AS**  
5 **FOLLOWS:**

6 (1) NOT LESS THAN ONE EMERGENCY EGRESS DRILL SHALL BE CONDUCTED  
7 EVERY MONTH THE FACILITY IS IN SESSION, UNLESS THE FOLLOWING CRITERIA  
8 ARE MET:

9 (A) IN CLIMATES WHERE THE WEATHER IS SEVERE, THE MONTHLY FIRE  
10 EMERGENCY EGRESS DRILLS SHALL BE PERMITTED TO BE DEFERRED; AND

11 (B) IN EDUCATIONAL OCCUPANCIES WHICH ARE:

12 (I) FULLY PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM, THE TOTAL  
13 NUMBER OF ANNUAL FIRE EMERGENCY EGRESS DRILLS SHALL BE FIVE,  
14 WITH A LEAST TWO OF THE REQUIRED DRILLS CONDUCTED IN THE FIRST  
15 FOUR MONTHS OF THE SCHOOL YEAR; OR

16 (II) NOT FULLY PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM, THE  
17 TOTAL NUMBER OF ANNUAL FIRE EMERGENCY EGRESS DRILLS SHALL BE  
18 EIGHT, WITH AT LEAST THREE OF THE REQUIRED DRILLS CONDUCTED IN  
19 THE FIRST FOUR MONTHS OF THE SCHOOL YEAR.

20 (2) ALL OCCUPANTS OF THE BUILDING SHALL PARTICIPATE IN THE FIRE  
21 EMERGENCY EGRESS DRILL.

1 (3) ONE FIRE EMERGENCY EGRESS DRILL, OTHER THAN FOR EDUCATIONAL  
2 OCCUPANCIES THAT ARE OPEN ON A YEAR-ROUND BASIS, SHALL BE REQUIRED  
3 WITHIN THE FIRST 30 DAYS OF OPERATION.

4 **Chapter 15 Existing Educational Occupancies**

5 **101:15.3.5.6 Extinguishers:** Portable fire extinguishers shall be provided in accordance with  
6 section 9.7.4.1 in all existing educational occupancies. Designated employees shall be instructed  
7 in the use of portable fire extinguishers.

8 **101:15.7.2 EMERGENCY EGRESS DRILLS**

9 **101:15.7.2.3 FIRE EMERGENCY EGRESS DRILLS SHALL BE CONDUCTED AS**  
10 **FOLLOWS:**

11 (1) NOT LESS THAN ONE EMERGENCY EGRESS DRILL SHALL BE CONDUCTED  
12 EVERY MONTH THE FACILITY IS IN SESSION, UNLESS THE FOLLOWING CRITERIA  
13 ARE MET:

14 A) IN CLIMATES WHERE THE WEATHER IS SEVERE, THE MONTHLY  
15 EMERGENCY EGRESS DRILLS SHALL BE PERMITTED TO BE DEFERRED; AND

16 (B) IN EDUCATIONAL OCCUPANCIES WHICH ARE:

17 (I) FULLY PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM, THE TOTAL  
18 NUMBER OF ANNUAL FIRE EMERGENCY EGRESS DRILLS SHALL BE FIVE,  
19 WITH A LEAST TWO OF THE REQUIRED DRILLS CONDUCTED IN THE FIRST  
20 FOUR MONTHS OF THE SCHOOL YEAR; OR

21 (II) NOT FULLY PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM, THE  
22 TOTAL NUMBER OF ANNUAL FIRE EMERGENCY EGRESS DRILLS SHALL BE

1 EIGHT, WITH AT LEAST THREE OF THE REQUIRED DRILLS CONDUCTED IN  
2 THE FIRST FOUR MONTHS OF THE SCHOOL YEAR.

3 (2) ALL OCCUPANTS OF THE BUILDING SHALL PARTICIPATE IN THE FIRE  
4 EMERGENCY EGRESS DRILL.

5 (3) ONE FIRE EMERGENCY EGRESS DRILL, OTHER THAN FOR EDUCATIONAL  
6 OCCUPANCIES THAT ARE OPEN ON A YEAR-ROUND BASIS, SHALL BE REQUIRED  
7 WITHIN THE FIRST 30 DAYS OF OPERATION.

8 **Chapter 16 New Day-Care Occupancies**

9 **General Requirements**

10 **101:16.1.1.9 Before and After School Program Exemption:** Day-care centers shall not be  
11 required to meet the provisions of this chapter where providing day-care for school-age children  
12 before and after school hours in a building which is in use as a public school OR PRIVATE  
13 SCHOOL. They shall not be required to meet requirements beyond those relative to educational  
14 occupancies.

15 **101:16.2.11.1.1(4) Windows For Rescue:** A minimum net clear opening of 5.0 square feet shall  
16 be permitted for secondary means of escape at grade.

17 **New Day-Care Homes**

18 **General Requirements**

19 **Application**

20 **101:16.6.1.1.2** NFPA 101 section 16.6 establishes life safety requirements for day-care homes in  
21 which not more than 12 clients receive care, maintenance, and supervision by other than their  
22 relative(s) or legal guardian(s) for less than 24 hours per day, generally within a dwelling unit.  
23 (see also 16.6.1.4.)

1 **Sub Classification of Day-Care Homes**

2 **101:16.6.1.4.1.1 A Family Day-Care Home** is a day-care home in which fewer than [seven]  
3 NINE clients receive care, maintenance, and supervision by other than their relative(s) or legal  
4 guardian(s) for less than 24 hours per day, generally within a dwelling unit. Requirements for  
5 family day-care homes are based on a minimum staff-to-client ratio of one staff member for up  
6 to eight clients, including the caretaker's own children under age six, with the number of clients  
7 incapable of self-preservation not to exceed two.

8 **101:16.6.1.4.1.2 Group Day-Care Home.** A group day-care home is a day-care home in which  
9 not less than nine, but not more than twelve clients receive care, maintenance, and supervision by  
10 other than their relative(s) or legal guardian(s) for less than 24 hours per day, generally within a  
11 dwelling unit. Requirements for group day-care homes are based on a minimum staff-to-client  
12 ratio of two staff members for up to 12 clients, with the number of clients incapable of self-  
13 preservation not to exceed three. This staff-to-client ratio shall be permitted to be modified by the  
14 authority having jurisdiction where safeguards in addition to those specified by NFPA 101  
15 section 16.6 are provided.

16 **101:16.6.1.7.1 In Family Day-Care Homes,** all the following shall apply:

17 (1) The minimum staff-to-client ratio shall be not less than one staff for up to eight clients,  
18 including the caretaker's own children under age six, incapable of self-preservation.

19 (2) There shall be not more than four clients incapable of self-preservation, including the  
20 caretaker's own children, incapable of self-preservation.

21 (3) A staff-to-client ratio of at least one staff to every two clients incapable of self-preservation  
22 shall be maintained at all times.

23 (4) The staff-to-client ratio shall be permitted to be modified by the AHJ where safeguards in



1 addition to those specified in Section 16.6 are provided.

2 **Means of Escape**

3 **101:16.6.2.1.1 Bulkhead Doors:** Bulkhead doors shall not be permitted to serve as a primary  
4 means of escape.

5 **101:16.6.2.2 Sliding Doors:** For family day-care homes, a sliding door used as a required means  
6 of egress shall comply with the following conditions:

7 (1) The sliding door shall have not more than one, easily operated, locking device that does not  
8 require special knowledge, effort, or tools to operate.

9 (2) There shall not be draperies, screens, or storm doors that could impede egress.

10 (3) The sill or track height shall not exceed ½ inch above the interior finish floor.

11 (4) The surface onto which exit is made shall be an all-weather surface such as deck, patio,  
12 sidewalk, etc.

13 (5) The floor level outside the door may be one step lower than the inside, but not more than 8  
14 inches lower.

15 (6) The sliding door shall open to a clear open width of at least 28 inches.

16 (7) Before day-care use, each day the sliding door shall be unlocked and tested to the full  
17 required width to be sure it is operating properly, and the door shall be non-binding and slide  
18 easily.

19 (8) During periods of snow or freezing rain, door tracks shall be cleared out and the door opened  
20 periodically throughout the day in order to ensure proper operation.

21 **101:16.6.2.3 Locks:** For family day-care homes, dead-bolt locks shall be provided with  
22 approved interior latches, or these locks shall be of a captured key design from which the key  
23 cannot be removed from the interior side of the lock when the lock is in the locked position.

1 These locks shall be unlocked at all times when the home is occupied for the purpose of family  
2 day-care.

3 **Exception:** A double-keyed dead-bolt lock may be used on the secondary means of escape if the  
4 key is readily accessible and the lock is unlocked at all times the home is occupied for the  
5 purpose of family day-care.

6 **101:16.6.2.4.5:** Where clients occupy a story below the level of exit discharge, that story shall  
7 have not less than one means of escape complying with one of the following:

8 (1) Door leading directly to the outside with access to finish ground level.

9 (2) Door leading directly to an outside stair going to finished ground level.

10 (3) Bulkhead doors may not serve as a primary means of escape.

11 (4) Interior stair leading directly to the outside with access to finish ground level, separated  
12 from other stories by a ½ hour fire barrier in accordance with Section 8.3.

13 (5) Interior stair leading directly to the outside with access to finished ground level separated  
14 from other stories by a barrier that has been previously approved for use in a group  
15 daycare home.

## 16 **Detection, Alarm ...**

### 17 **101:16.6.3.4.3.1 [Battery-Operated Detectors] SEALED TEN YEAR LITHIUM**

18 **BATTERY OPERATED DETECTORS** rather than house electric service-powered detectors  
19 required by section 16.6.3.4.3 may be accepted when, in the opinion of the Fire Chief or  
20 designee, the facility has demonstrated testing, maintenance, and detector replacement programs  
21 that ensure reliability of power to the detector.

## 22 **Operating Features**

23 **101:16.7.5 Day-Care Staff:** Adequate adult staff shall be on duty, alert and in the facility at all

1 times where clients are present other than in day-care homes with no more than three clients for  
2 overnight lodging.

3 **101:16.7.5.1 Emergency Flash Light:** At least one operable flash light shall be provided for  
4 each staff member located to be accessible to the staff for use in the event of a power failure in  
5 new group day-care homes and family day-care homes.

## 6 **Chapter 17 Existing Day-Care Occupancies**

7 **101:17.1.1.9 Before and After School Program Exemption:** Day care centers shall not be  
8 required to meet the provisions of this chapter where providing day-care for school-age children  
9 before and after school hours in a building which is in use as a public school OR PRIVATE  
10 SCHOOL. They shall not be required to meet the requirements of this code for buildings beyond  
11 those relative to educational occupancies.

12 **101:17.2.11.1.1(4) Windows For Rescue:** A minimum net clear opening of 5.0 ft<sup>2</sup> shall be  
13 permitted for secondary means of escape at grade.

14 **101:17.6.1.1.2 NFPA 101 section 17.6** establishes life safety requirements for existing daycare  
15 homes in which not more than 12 clients receive care, maintenance, and supervision by other  
16 than their relative(s) or legal guardian(s) for less than 24 hours per day, generally within a  
17 dwelling unit. An existing day-care home shall be permitted the option of meeting the  
18 requirements of NFPA 101 section 16.6 in lieu of section 17.6. Any existing day-care home that  
19 meets the requirements of NFPA 101 chapter 16 shall be judged as meeting the requirements of  
20 this chapter.

## 21 **Sub Classification of Day-Care Homes**

22 **101:17.6.1.4.1.1 Family Day-Care Home.** A family day-care home is a day-care home in which  
23 fewer than [seven] NINE clients receive care, maintenance, and supervision by other than their

1 relative(s) or legal guardian(s) for less than 24 hours per day, generally within a dwelling unit.  
2 Requirements for family day-care homes are based on a minimum staff-to-client ratio of one staff  
3 member for up to eight clients, including the caretaker's own children under age six, with the  
4 number of clients incapable of self-preservation not to exceed two.

5 **101:17.6.1.4.1.2 Group Day-Care Home.** A group day-care home is a day-care home in which  
6 not less than nine, but not more than 12, clients receive care, maintenance, and supervision by  
7 other than their relative(s) or legal guardian(s) for less than 24 hours per day, generally within a  
8 dwelling unit. Requirements for group day-care homes are based on a minimum staff-to-client  
9 ratio of two staff members for up to 12 clients, with the number of clients incapable of self-  
10 preservation not to exceed three. This staff-to-client ratio shall be permitted to be modified by the  
11 Authority Having Jurisdiction where safeguards in addition to those specified by NFPA 101  
12 section 17.6 are provided.

13 **101:17.6.1.7.1 In Family Day-Care Homes,** All of the following shall apply:

14 (1) The minimum staff-to-client ratio shall be not less than one staff member for up to eight  
15 clients, including the caretaker's own children, incapable of self-preservation.

16 (2) There shall be not more than two clients incapable of self-preservation, including the  
17 caretaker's own children, incapable of self-preservation.

18 (3) A staff-to-client ratio of at least one staff member to every two clients incapable of self-  
19 preservation shall be maintained at all times.

20 (4) The staff-to-client ratio shall be permitted to be modified by the AHJ where safeguards in  
21 addition to those specified in this section are provided.

## 22 **Means of Escape**

23 **101:17.6.2.1.1 Bulkhead Doors:** Bulkhead doors shall not be permitted to serve as a primary

1 means of escape.

2 **101:17.6.2.2 Sliding Doors:** For family day-care homes, a sliding door used as a required means  
3 of egress shall comply with the following conditions:

4 (1) The sliding door shall have not more than one, easily operated, locking device that does not  
5 require special knowledge, effort, or tools to operate.

6 (2) There shall not be draperies, screens, or storm doors that could impede egress.

7 (3) The sill or track height may not exceed ½ inch above the interior finish floor.

8 (4) The surface onto which exit is made shall be an all-weather surface such as deck, patio, or  
9 sidewalk.

10 (5) The floor level outside the door may be one step lower than the inside, but not more than 8  
11 inches lower.

12 (6) The sliding door shall open to a clear open width of at least 28 inches.

13 (7) Before day-care use, each day the sliding door shall be unlocked and tested to the full  
14 required width to be sure it is operating properly, and the door shall be nonbinding and slide  
15 easily.

16 (8) During periods of snow or freezing rain, door tracks shall be cleared out and the door opened  
17 periodically throughout the day in order to ensure proper operation.

18 **101:17.6.2.3 Locks:** For family-day-care homes, dead-bolt locks shall be provided with  
19 approved interior latches, or these locks shall be of a captured key design from which the key  
20 cannot be removed from the interior side of the lock when the lock is in the locked position.

21 These locks shall be unlocked at all times when the home is occupied for the purpose of family  
22 day-care.

23 **Exception:** A double-keyed dead-bolt lock may be used on the secondary means of escape if the

1 key is readily accessible and the lock is unlocked at all times the home is occupied for the  
2 purpose of family day-care.

3 **101:17.6.2.4.5:** Where clients occupy a story below the level of exit discharge, that story shall  
4 have not less than one means of escape complying with one of the following:

5 (1) Door leading directly to the outside with access to finish ground level.

6 (2) Door leading directly to an outside stair going to finished ground level.

7 (3) Bulkhead doors may not serve as a primary means of escape.

8 (4) Interior stair leading directly to the outside with access to finish ground level, separated  
9 from other stories by a ½ hour fire barrier in accordance with Section 8.3.

10 (5) Interior stair leading directly to the outside with access to finished ground level separated  
11 from other stories by a barrier that has been previously approved for use in a group day-  
12 care home.

13 **101:17.6.3.4.4: Detection, Alarm, and Communication Systems:** Approved SEALED TEN  
14 YEAR LITHIUM battery-powered smoke alarms, rather than house electrical service- powered  
15 smoke alarms required by 17.6.3.4.4, shall be permitted where the facility has testing,  
16 maintenance and replacement programs that ensure reliability of power to the smoke alarms.

### 17 **Operating Features**

18 **101:17.7.5\* Day-Care Staff:** Adequate adult staff shall be on duty, alert, awake, and in the  
19 facility at all times where clients are present other than in day-care homes with no more than  
20 three clients for overnight lodging.

21 **101:17.7.5.1 Emergency Flash Light:** At least one operable flash light shall be provided for  
22 each staff member located to be accessible to the staff for use in the event of a power failure in  
23 existing group day-care homes and family day-care homes.

1 **Chapter 22 New Detention and Correctional Occupancies**

2 **101:22.4.5.1.3 Lockups** in occupancies, other than detention, correctional and health care  
3 occupancies, where the holding area has capacity for not more than 50 detainees, and where no  
4 individual is detained for 24 hours or more, shall comply with section 101: 22.4.5.1.4 of this  
5 code shall only be permitted where the facility is under direct control and supervision of federal,  
6 state, or local law enforcement agencies. Lockups in other occupancies shall be prohibited  
7 unless the locking mechanism incorporates a dead-man switch or other device approved by the  
8 Baltimore County Fire Marshal that releases the detainee automatically unless constantly  
9 attended by staff.

10 **101:22.4.5.1.4 The Lockup** shall be permitted to comply with the requirements for the  
11 predominant occupancy in which the lockup is placed, provided that all of the following criteria  
12 are met:

13 (1) Doors and other physical restraints to free egress by detainees can be readily released by  
14 staff within 30 seconds of the onset of a fire or similar emergency.

15 (2) Staff is in sufficient proximity to the lockup so as to be able to effect the 30 second  
16 release required by section 101: 22.4.5.1.4(1) whenever detainees occupy the lockup.

17 (3) Staff is authorized to effect the release required by section 101: 22.4.5.1.4(1).

18 (4) Staff is trained and practiced in effecting the release required by section 101:  
19 22.4.5.1.4(1).

20 (5) Where the release required by section 101: 22.4.5.1.4(1) is effected by means of remote  
21 release, detainees are not to be restrained from evacuating without the assistance of  
22 others.

23 **Chapter 23 Existing Detention and Correctional Occupancies**

1 **101:23.4.5.1.3 Lockups** in occupancies, other than detention, correctional and health care  
2 occupancies, where the holding area has capacity for not more than 50 detainees, and where no  
3 individual is detained for 24 hours or more, shall comply with section 101: 23.4.5.1.4 of this  
4 code and shall only be permitted where the facility is under direct control and supervision of  
5 federal, state, or local law enforcement agencies. Lockups in other occupancies shall be  
6 prohibited unless the locking mechanism incorporates a dead-man switch or other device  
7 approved by the Baltimore County Fire Marshal that releases the detainee automatically unless  
8 constantly attended by staff.

9 **101:23.4.5.1.4 The Lockup** shall be permitted to comply with the requirements for the  
10 predominant occupancy in which the lockup is placed, provided that all of the following criteria  
11 are met:

12 (1) Doors and other physical restraints to free egress by detainees can be readily released by  
13 staff within 30 seconds of the onset of a fire or similar emergency.

14 (2) Staff is in sufficient proximity to the lockup so as to be able to effect the 30 second  
15 release required by section 101: 23.4.5.1.4(1) whenever detainees occupy the lockup.

16 (3) Staff is authorized to effect the release required by section 101: 23.4.5.1.4(1).

17 (4) Staff is trained and practiced in effecting the release required by section 101:

18 23.4.5.1.4(1).

19 (5) Where the release required by section 101: 23.4.5.1.4(1) is effected by means of remote  
20 release, detainees are not to be restrained from evacuating without the assistance of  
21 others.

## 22 **Chapter 24 One-And Two-Family Dwellings**

23 **101:24.1.1.2: Application:** The requirements of this chapter shall apply to one and two-family



1 dwellings, which shall include those buildings containing not more than two dwelling units in  
2 which each dwelling unit is occupied by members of a single family with not more than three  
3 outsiders (NFPA 101:3.3.200.1), IF ANY, ACCOMMODATED IN RENTED ROOMS.

4 **101:24.2.2.3.3(5) Secondary Means of Escape:** A minimum net clear opening of 5.0 square feet  
5 shall be permitted for secondary means of escape at grade.

6 **101:24.2.2.3.3(6) Windows Designated as Rescue Windows** meeting the minimum net clear  
7 opening requirement but having a distance of greater than 44” from the floor to the sill may have  
8 a platform installed. All of the following shall be required:

9 (1) The platform shall be a minimum of 9 square feet.

10 (2) No axis shall be less than 2’6”.

11 (3) The platform shall be permanently fastened.

12 (4) Platforms greater than 8” will be required to have an approved step as defined in

13 1:24.2.5.1.4.

14 (5) Platforms shall be constructed in a sturdy manner utilizing dimensional lumber for the  
15 base and a minimum of 5/8” plywood for the surface.

16 **101:24.2.5.1.4 Riser and Treads:** Maximum riser heights of 8-1/4 inches (210mm) and  
17 minimum tread depths of 9 inches (229mm) are permitted for stairs in new construction. A  
18 nosing of not less than 3/4 inch (19mm) but not more than 1-1/4 inches (32mm) shall be provided  
19 on stairways with solid risers where the tread depth is less than 11 inches (279m)

## 20 **Chapter 26 Lodging or Rooming Houses**

21 **101:26.1.1.1** The requirements of this chapter shall apply to buildings that do not qualify as  
22 one- and two-family dwellings that provide sleeping accommodations for 16 or fewer persons on  
23 either a transient or permanent basis, with or without meals, but without separate cooking

1 facilities for individual occupants, except as provided in section 101:24.1.1.1 of this code.

2 **Chapter 30 New Apartment Buildings**

3 **101:30.3.4.1.1:** Apartment buildings four or more stories in height or with 10 or more dwelling  
4 units, other than those meeting the requirements of 30.3.4.1.2, shall be provided with a fire alarm  
5 system in accordance with Section 9.6, except as modified by 30.3.4.2 through 30.3.4.5.

6 **101:30.3.4.1.1.1:** The AHJ shall have the authority to accept enhancements to establish fire  
7 alarm systems provided the components, installation, and all other aspects of the system are UL  
8 Certifiable.

9 **Chapter 31 Existing Apartment Buildings**

10 **101:31.3.4.1.1:** Apartment buildings four or more stories in height or with 10 or more dwelling  
11 units, other than those meeting the requirements of 30.3.4.1.2, shall be provided with a fire alarm  
12 system in accordance with Section 9.6, except as modified by 30.3.4.2 through 30.3.4.5.

13 **101:31.3.4.1.1.1:** The AHJ shall have the authority to accept enhancements to established fire  
14 alarm systems provided the components, installation, and all other aspects of the system are UL  
15 Certifiable.

16 **Chapter 32 New Residential Board And Care Occupancies**

17 **Means of Escape**

18 **101:32.2.2.3.1(5)** A minimum net clear opening of 5.0 square feet shall be permitted for  
19 secondary means of escape at grade.

20 **101:32.2.2.3.1 (6) Windows Designated as Rescue Windows** meeting the minimum net clear  
21 opening requirement but having a distance of greater than 44” from the floor to the sill may have  
22 a platform installed. All of the following shall be required:

23 (1) The platform shall be a minimum of 9 square feet.

- 1 (2) No axis shall be less than 2'6".
- 2 (3) The platform shall be permanently fastened.
- 3 (4) Platforms greater than 8" will be required to have an approved step as defined in
- 4 101:24.2.5.1.4.
- 5 (5) Platforms shall be constructed in a sturdy manner utilizing dimensional lumber for the
- 6 base and a minimum of 5/8" plywood for the surface.

7

### 8 **Chapter 33 Existing Residential Board and Care Occupancies**

9 **101:33.1.1.7** A permanent living unit for four to eight individuals with disabilities, in addition to

10 live-in staff, that was legally occupied as a residential board and care facility before January 1,

11 2007 is only required to comply with the requirements for a one and two family dwelling if

12 specific information is presented at least annually to the fire chief or designee that the residents

13 of the permanent living unit have no unique and specific needs which warrant imposition of the

14 fire safety standards required by either chapter 26, 32, or 33. A permanent living unit is one in

15 which an individual intends to reside for more than 30 days. Individuals with disabilities means

16 those persons who have a handicap as defined in the Federal Fair Housing Acts Amendment Act

17 of 1988, 42 U.S.C. section 3601 et seq.

### 18 **Secondary Means of Escape**

19 **101:33.2.2.3.1(5) A Minimum Net Clear Opening** of 5.0 square feet shall be permitted for

20 secondary means of escape at grade.

21 **101:33.2.2.3.1(6) Windows Designated as Rescue Windows** meeting the minimum net clear

22 opening requirement but having a distance of greater than 44" from the floor to the sill may have

23 a platform installed. All of the following shall be required:

- 1 (1) The platform shall be a minimum of 9 square feet.
- 2 (2) No axis shall be less than 2'6".
- 3 (3) The platform shall be permanently fastened.
- 4 (4) Platforms greater than 8" will be required to have an approved step as defined in
- 5 24.2.5.1.4.

- 6 (5) Platforms shall be constructed in a sturdy manner utilizing dimensional lumber for the
- 7 base and a minimum of 5/8" plywood for the surface.

8 **101:33.3.3.4.8.1: Smoke Detection Systems** in all living areas, as defined in 3.3.21.5,  
 9 and all corridors shall be provided with smoke detectors that comply with NFPA 72, National  
 10 Fire Alarm and Signal Code, and are arranged to indicate an alarm that is audible in all sleeping  
 11 areas as modified by 33.3.3.4.8.3.

12 **Chapter 36 New Mercantile Occupancies**

13 **101:36.4.4.7.3.2: Occupant Notification** by visual means shall not be required in malls where  
 14 approved alternative visual means of occupant notification is provided. (See 9.6.3.5.7 and  
 15 9.6.3.5.8)

16 **Chapter 38 New Business Occupancies**

17 **101:38.2.4.4(3) (A): Number of Means of Egress:** The stair shall serve as an exit from no other  
 18 stories, with no other openings therein.

19 **Chapter 42 Storage Occupancies**

20 **101: TABLE 42.2.5**

21

LEVEL OF PROTECTION	LOW HAZARD STORAGE OCCUPANCY	ORDINARY HAZARD STORAGE OCCUPANCY	HIGH HAZARD STORAGE OCCUPANCY
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		FT	M	
COMMON PATH OF TRAVEL				
PROTECTED THROUGHOUT BY AN APPROVED, SUPERVISED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 9.7.1.1(1)	NL	100	30	PROHIBITED, EXCEPT AS PERMITTED BY 7.11.4
NOT PROTECTED THROUGHOUT BY AN APPROVED SUPERVISED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 9.7.1.1(1)	NL	75	23	PROHIBITED, EXCEPT AS PERMITTED BY 7.11.4

1 NL: NOT LIMITED

2 **101:42.3.4.1.1:** STORAGE OCCUPANCIES LIMITED TO LOW HAZARD CONTENTS

3 SHALL NOT BE REQUIRED TO HAVE A FIRE ALARM SYSTEM.

4 **101:42.3.4.1.2:** Storage occupancies less than 3 stories with ordinary and high hazard contents

5 not exceeding an aggregate floor area of 100,000 square feet shall not be required to have a fire

6 alarm system.

7 **101:42.3.4.1.2.1** Storage facilities that are 3 or more stories in height shall be provided with a

8 fire alarm system that provides occupant notification regardless of floor area.

9 **101:42.3.4.1.3:** Storage occupancies less than 3 stories, protected throughout by an approved

10 automatic sprinkler system in accordance with section 9.7 shall not be required to have a fire

11 alarm system.

12 **101:42.8.2.2.3.5** Subsection 7.2.2.5.1 of NFPA 101 shall not apply to open-air parking structures.

13 **101:42.8.3.4.1 GENERAL.** A FIRE ALARM SYSTEM SHALL BE REQUIRED IN

1 ACCORDANCE WITH SECTION 9.6 FOR PARKING STRUCTURES, EXCEPT AS  
2 MODIFIED BY 42.3.4.1.1, 42.3.4.1.2, 42.3.4.1.3.

3 **101:42.8.3.4.1.3** PARKING STRUCTURES PROTECTED THROUGHOUT BY AN  
4 APPROVED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 9.7  
5 SHALL NOT BE REQUIRED TO HAVE A FIRE ALARM SYSTEM.

6 **Section 7. And Be It Further Enacted**, that new Sections 13:6.2.1.1, 13:8.15.15.1, and  
7 13:22.4.4.9.1 are hereby added to NFPA 13, 13R and 3D The National Fire Protection  
8 Association Standard For The Installation Of Sprinkler Systems, 2016 Edition as part of the “Fire  
9 Prevention Code of Baltimore County” to read as follows:

10 **13:5.3.2.2.1 MERCANTILE SPRINKLERS:** MERCANTILE SPACES WITH CEILING  
11 HEIGHTS BELOW 15 FEET, THE SPRINKLER DENSITY SHALL BE 0.25GPM OVER  
12 AND INCLUDING THE REMOTE 1500SQ. FT. OR HIGHER BASED ON THE  
13 OCCUPANCY. MERCANTILE SPACES WITH CEILING HEIGHTS 15 FEET OR HIGHER,  
14 THE SPRINKLER DENSITY SHALL BE 0.60GPM OVER AND INCLUDING THE  
15 REMOTE 2000 SQ. FT.

16 **CHAPTER 6 WATER FLOW ALARM DEVICES**

17 **13:6.8.2.1.1** AN ALARM CHECK VALVE OR U.L. LISTED RISER ASSEMBLY SHALL BE  
18 PROVIDED.

19 **Chapter 8 Installation Requirements**

20 **Special Situations**

21 **13:8.15.15.1 Drop-Out Ceilings** shall not be used in conjunction with sprinklers. Existing  
22 installations that were installed in accordance with a previously adopted Fire Code may continue  
23 in use as long as the ceiling and sprinkler system are continuously maintained in accordance with

1 their listing.

2 **Chapter 22 Plans and Calculations**

3 **Hydraulic Calculation Procedures**

4 **13:22.4.4.9.1\*** When calculating flow from an orifice, the total pressure (pt) shall be used. Flow  
5 from a sprinkler shall be calculated using the nominal k-factor. The velocity pressure method  
6 shall not be used in hydraulic calculations.

7 **Section 8.** And Be It Further Enacted, that if any provision of this Act or the application of this  
8 act to any person or circumstance is held invalid for any reason in a court of competent  
9 jurisdiction, the invalidity does not affect other provisions or any other application of this act  
10 which can be given effect without the invalid provision or application, and for the purpose the  
11 provisions of this act are declared severable.

12 **Section 9.** And Be It Further Enacted, that this Act, having been passed by an affirmative vote of  
13 five members of the County Council, shall take effect March 19, 2017.