**16 DEPARTMENT OF PUBLIC SAFETY**

**642 BUREAU OF BUILDING CODES AND STANDARDS**

**Chapter 3: MAINE UNIFORM BUILDING *AND ENERGY* CODE - COMMERCIAL BUILDING CODE OF MAINE**

**SUMMARY:** This chapter establishes the Commercial Building Code component of the Maine Uniform

Building and Energy Code “MUBEC” ~~and “MUBC.”~~ The provisions of this chapter are based on a nationally recognized model building code published by the International Code Council, Inc., and is made part of the MUBEC ~~and MUBC~~ through incorporation by reference. This chapter also contains requirements for the enforcement of the Commercial Building code by local building officials in municipalities with a population of more than 4,000 residents.

**SECTION 1. PURPOSE AND SCOPE**

All building construction within a municipality ~~of over 4,000 inhabitants~~ shall be governed by the MUBEC. ~~All other municipalities shall be governed by the MUBEC or the MUBC as adopted by the municipality.~~ These codes are adopted by the Technical Building Codes and Standards Board pursuant to 10 M.R.S. Chapter 1103. The primary objective of the Board is to establish a uniform building code throughout the State of Maine.

This chapter sets forth the standards for the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such building or structure, with the exception of detached one and two-family dwellings and townhouses.

**SECTION 2. AUTHORITY**

The authority for this Chapter is 10 M.R.S. §9722, which provides that the Maine Technical Building Codes and Standards Board shall promulgate rules which adopt, amend, and maintain the Maine Uniform Building and Energy Code ~~and the Maine Uniform Building Code (MUBC)~~.

A municipality will have up to 90 days after the effective date of this rule to begin enforcement under the 2015 code.

**SECTION 3. DEFINITIONS**

1. **IBC**. “IBC” means the 2015 International Building Code, published by the International Code Council, Inc.

2. **NFPA**. “NFPA” means The National Fire Protection Association.

3. **MUBEC**. “MUBEC” means the Maine Uniform Building and Energy Code adopted pursuant to 10 M.R.S. §9271 *et seq.*

~~4.~~ **~~MUBC~~**~~. “MUBC” means the~~~~Maine Uniform Building Code~~**~~.~~**~~"Maine Uniform Building Code" means that portion of the Maine Uniform Building and Energy Code that does not contain energy code requirements as determined by the board pursuant to section 9722, subsection 6, paragraph L.~~

5. **Technical Building Codes and Standards Board**. “Technical Building Codes and Standards Board” means the board established pursuant to 5 M.R.S. §12004-G, subsection 5-A and 10 M.R.S. §9722.

**SECTION 4. INCORPORATION BY REFERENCE**

1. The following Chapters of the 2015 International Building Code, published by the International Code Council, Inc. are hereby adopted and incorporated by reference:

A. Chapters 1 – 11

B. Chapters 12 – 28

C. Chapters 30 – 33

D. Chapter 35

*E. Appendix C*

2. The following Chapters, and all appendices, of the IBC are specifically excluded from adoption:

A. Chapter 29 PLUMBING SYSTEMS

B. Appendix A*--B, D* --M

**SECTION 5. REVISIONS TO THE IBC**

The following additions, insertions, deletions, and other changes are hereby made to the 2015 International Building Code:

~~1. Generally all sections.~~

***~~Delete~~*** ~~“International Mechanical Code”~~

***~~Insert~~*** ~~“applicable state codes and statutes~~”

2. Section 101.1

***Delete*** [NAME OF JURISDICTION]; *and*

***Insert*** “State of Maine” in its place.

3. Section 101.4.1

***Delete*** “International Fuel Gas Code”; *and*

***Insert*** “NFPA 54 National Fuel Gas Code: Fire safety codes and standards adopted pursuant to Title 25 M.R.S §§2452 and 2465” in its place.

4. Section 101.4.2

***Delete*** Section 101.4.2“Mechanical” in its entirety, without substitution.

5. Section 101.4.3

***Delete*** “International Plumbing Code”; *and*

***Insert*** “Maine State Plumbing Code, adopted pursuant to Title 32, M.R.S §3404-B” in its place.

***Delete*** “International Private Sewage Disposal Codes”; *and*

***Insert*** “Maine State Plumbing Code, adopted pursuant to Title 32, M.R.S §3404-B” in its place.

6. Section 101.4.4

***Delete*** Section 101.4.4 “Property maintenance” in its entirety, without substitution.

7. Section 101.4.5

***Delete*** “International Fire Code”; *and*

***Insert*** “NFPA #1; Fire codes and standards adopted pursuant to Title 25 M.R.S §§ 2452 and 2465” in its place.

8. Section 102.1

***Insert*** “No provisions of the MUBEC~~or MUBC~~ shall be construed to prohibit the adoption or enforcement of an ordinance of any political subdivision that sets forth provisions for local enforcement of building codes. Such ordinances may include items such as, permits, permit fees, boards of appeals and violations.”

9. Section 102.4.1

***Delete*** Section 102.4.1

10. Section 102.4.2

***Delete*** section 102.4.2

11. Section 102.6

***Delete*** “International Property Maintenance Code or the International Fire Code”; *and*

***Insert*** “NFPA #1; Fire Safety codes and standards adopted pursuant to Title 25 M.R.S §§2452 and 2465” in its place.

12. Section 102.6.2

***Delete*** “International Property Maintenance Code or the International Fire Code”; *and*

***Insert*** “NFPA #1; Fire Safety codes and standards adopted pursuant to Title 25 M.R.S §§ 2452 and 2465” in its place.

13. Section 103

***Delete*** Section 103 “Department of Building Safety” in its entirety, without substitution.

14. Sections 104, 105, 106, 107, 108, 110, 111, 112, 115 and 116 and any amendments thereto shall only be applicable:

A. In a municipality with a population of 4,000 or more residents, beginning:

(1) No later than December 1, 2010, if the municipality had previously adopted any building code on or before August 1, 2008; or

(2) No later than July 1, 2012, if the municipality had not adopted any building code on or before August 1, 2008.

B. In a municipality with a population of less than 4,000 residents if the municipality voluntarily elects to enforce the MUBEC or MUBC.

15. Section 104.8

***Delete*** all language in Section 104.8; *and*

***Insert*** “See 14 MRSA §8101” in its place.

16. Section 105.1

***Insert*** “where required by municipal ordinance” at the end of the paragraph.

17. Section 105.2

***Insert*** “Structures exempt from permits shall be located in compliance with zoning and floodplain regulations” at the end of the paragraph.

18. Section 109

***Delete*** Section 109 “Fees” in its entirety, without substitution.

19. Sections 113 and 114

***Delete*** Section 113 “Board of Appeals” and Section 114 “Violations” in their entirety, without substitution.

20. Section 308.3.3

***Delete*** All language in section 308.3.3; *and*

***Insert*** “See NFPA 101 2015 edition chapter 16”

21. Section 308.6

***Delete*** All language in section 308.6; *and*

***Insert*** “See NFPA 101 2015 edition Chapter 16”

22. Section 308.6.1

***Delete*** “A child day care facility that provides care for more than five but not more than

100 children 2 ½ years or less of age” *and*

***Insert*** “A child day care facility that provides care for more than twelve but not more than 100 children 2 ½ years or less of age.”

23. Section 308.5.2

***Delete*** Section 308.5.2 and the exceptions thereto, in its entirety, without substitution.

24. Section 404.6

***Delete*** all language in Section 404.6; *and*

***Insert*** “See NFPA 101 8.6.7 (2015 edition)” in its place.

25. Section 419.5

***Delete*** this section: “and an automatic sprinkler system in accordance with Section 903.2.8”

 26. *Section 602.4*

***Delete*** *all language in section 602.4*

***Insert*** *602.4 Type IV. Type IV construction is that type of*

*construction in which the building elements are mass timber*

*or noncombustible materials and have fire-resistance ratings*

*in accordance with Table 601. Mass timber elements shall*

*meet the fire-resistance-rating requirements of this section*

*based on either the fire-resistance rating of the noncombustible protection, the mass timber, or a combination of both and*

*shall be determined in accordance with Section 703.2. The*

*minimum dimensions and permitted materials for building*

*elements shall comply with the provisions of this section and*

*Section 2304.11. Mass timber elements of Types IV-A, IV-B*

*and IV-C construction shall be protected with noncombustible protection applied directly to the mass timber in*

*accordance with Sections 602.4.1 through 602.4.3. The time*

*assigned to the noncombustible protection shall be determined in accordance with Section 703.6 and comply with*

*Section 722.7.*

*Cross-laminated timber shall be labeled as conforming to*

*ANSI/APA PRG 320 as referenced in Section 2303.1.4.*

*Exterior load-bearing walls and nonload-bearing walls*

*shall be mass timber construction, or shall be of noncombustible construction.*

*Exception: Exterior load-bearing walls and nonloadbearing walls of Type IV-HT Construction in accordance*

*with Section 602.4.4.*

*The interior building elements , including nonload-bearing walls and partitions, shall be of mass timber construction*

*or of noncombustible construction.*

*Exception: Interior building elements and nonload-bearing walls and partitions of Type IV-HT construction in*

*accordance with Section 602.4.4.*

*Combustible concealed spaces are not permitted except as*

*otherwise indicated in Sections 602.4.1 through 602.4.4.*

*Combustible stud spaces within light frame walls of Type*

*IV-HT construction shall not be considered concealed*

*spaces, but shall comply with Section 718.*

*In buildings of Type IV-A, IV-B, and IV-C construction*

*with an occupied floor located more than 75 feet (22 860*

*mm) above the lowest level of fire department access, up to*

*and including 12 stories or 180 feet (54 864 mm) above*

*grade plane, mass timber interior exit and elevator hoistway*

*enclosures shall be protected in accordance with Section*

*602.4.1.2. In buildings greater than 12 stories or 180 feet (54*

*864 mm) above grade plane, interior exit and elevator hoistway enclosures shall be constructed of noncombustible*

*materials.*

*602.4.1 Type IV-A. Building elements in Type IV-A*

*construction shall be protected in accordance with*

*Sections 602.4.1.1 through 602.4.1.6. The required fireresistance rating of noncombustible elements and*

*protected mass timber elements shall be determined in*

*accordance with Section 703.2.*

*602.4.1.1 Exterior protection. The outside face of*

*exterior walls of mass timber construction shall be*

*protected with noncombustible protection with a minimum assigned time of 40 minutes, as specified in*

*Table 722.7.1(1). Components of the exterior wall*

*covering shall be of noncombustible material except*

*water-resistive barriers having a peak heat release rate*

*of less than 150kW/m2*

*, a total heat release of less than*

*20 MJ/m2*

 *and an effective heat of combustion of less*

*than 18MJ/kg as determined in accordance with*

*ASTM E1354 and having a flame spread index of 25*

*or less and a smoke-developed index of 450 or less as*

*determined in accordance with ASTM E84 or UL 723.*

*The ASTM E1354 test shall be conducted on specimens at the thickness intended for use, in the*

*horizontal orientation and at an incident radiant heat*

*flux of 50 kW/m2.*

*602.4.1.2 Interior protection. Interior faces of all*

*mass timber elements, including the inside faces of*

*exterior mass timber walls and mass timber roofs, shall*

*be protected with materials complying with Section*

*703.3.*

*602.4.1.2.1 Protection time. Noncombustible*

*protection shall contribute a time equal to or greater*

*than times assigned in Table 722.7.1(1), but not less*

*than 80 minutes. The use of materials and their*

*respective protection contributions specified in*

*Table 722.7.1(2) shall be permitted to be used for*

*compliance with Section 722.7.1.*

*602.4.1.3 Floors. The floor assembly shall contain a*

*noncombustible material not less than 1 inch (25 mm)*

*in thickness above the mass timber. Floor finishes in*

*accordance with Section 804 shall be permitted on top*

*of the noncombustible material. The underside of floor*

*assemblies shall be protected in accordance with*

*Section 602.4.1.2.*

*602.4.1.4 Roofs. The interior surfaces of roof assemblies shall be protected in accordance with Section*

*602.4.1.2. Roof coverings in accordance with Chapter*

*15 shall be permitted on the outside surface of the roof*

*assembly.*

*602.4.1.5 Concealed spaces. Concealed spaces shall*

*not contain combustibles other than electrical,*

*mechanical, fire protection, or plumbing materials and*

*equipment permitted in plenums in accordance with*

*Section 602 of the International Mechanical Code,*

*and shall comply with all applicable provisions of*

*Section 718. Combustible construction forming*

*concealed spaces shall be protected in accordance with*

*Section 602.4.1.2.*

*602.4.1.6 Shafts. Shafts shall be permitted in accordance with Sections 713 and 718. Both the shaft side*

*and room side of mass timber elements shall be*

*protected in accordance with Section 602.4.1.2.*

*602.4.2 Type IV-B. Building elements in Type IV-B*

*construction shall be protected in accordance with*

*Sections 602.4.2.1 through 602.4.2.6. The required fireresistance rating of noncombustible elements or mass*

*timber elements shall be determined in accordance with*

*Section 703.2.*

*602.4.2.1 Exterior protection. The outside face of*

*exterior walls of mass timber construction shall be*

*Table 722.7.1(1). Components of the exterior wall*

*covering shall be of noncombustible material except*

*water-resistive barriers having a peak heat release rate*

*of less than 150kW/m2*

*, a total heat release of less than*

*20 MJ/m2*

 *and an effective heat of combustion of less*

*than 18MJ/kg as determined in accordance with*

*ASTM E1354, and having a flame spread index of 25*

*or less and a smoke-developed index of 450 or less as*

*determined in accordance with ASTM E84 or UL 723.*

*The ASTM E1354 test shall be conducted on specimens at the thickness intended for use, in the*

*horizontal orientation and at an incident radiant heat*

*flux of 50 kW/m2*

*.*

*602.4.2.2 Interior protection. Interior faces of all*

*mass timber elements, including the inside face of*

*exterior mass timber walls and mass timber roofs, shall*

*be protected, as required by this section, with materials*

*complying with Section 707.3.*

*602.4.2.2.1 Protection time. Noncombustible*

*protection shall contribute a time equal to or greater*

*than times assigned in Table 722.7.1(1), but not less*

*than 80 minutes. The use of materials and their*

*respective protection contributions specified in*

*Table 722.7.1(2) shall be permitted to be used for*

*compliance with Section 722.7.1.*

*602.4.2.2.2 Protected area. Interior faces of mass*

*timber elements, including the inside face of exterior mass timber walls and mass timber roofs, shall*

*be protected in accordance with Section 602.4.2.2.1.*

*Exceptions: Unprotected portions of mass*

*timber ceilings and walls complying with*

*Section 602.4.2.2.4 and the following:*

*1. Unprotected portions of mass timber ceilings and walls complying with one of the*

*following:*

*1.1. Unprotected portions of mass*

*timber ceilings, including attached*

*beams, shall be permitted and shall*

*be limited to an area equal to 20*

*percent of the floor area in any*

*dwelling unit or fire area.*

*1.2. Unprotected portions of mass*

*timber walls, including attached*

*columns, shall be permitted and*

*shall be limited to an area equal to*

*40 percent of the floor area in any*

*dwelling unit or fire area.*

*1.3. Unprotected portions of both walls*

*and ceilings of mass timber,*

*including attached columns and*

*beams, in any dwelling unit or fire*

*area shall be permitted in accordance with Section 602.4.2.2.3.*

*2. Mass timber columns and beams that are*

*not an integral portion of walls or ceilings, respectively, shall be permitted to*

*be unprotected without restriction of*

*either aggregate area or separation from*

*one another.*

*602.4.2.2.3 Mixed unprotected areas. In each*

*dwelling unit or fire area, where both portions of*

*ceilings and portions of walls are unprotected, the*

*total allowable unprotected area shall be determined*

*in accordance with Equation 6-1.*

*(Utc/Uac)  (Utw/Uaw)  1 (Equation 6-1)*

*where:*

*Utc = Total unprotected mass timber ceiling areas.*

*Uac = Allowable unprotected mass timber ceiling*

*area conforming to Exception 1.1 of Section*

*602.4.2.2.2.*

*Utw = Total unprotected mass timber wall areas.*

*Uaw= Allowable unprotected mass timber wall area*

*conforming to Exception 1.2 of Section*

*602.4.2.2.2.*

*602.4.2.2.4 Separation distance between unprotected mass timber elements. In each dwelling unit*

*or fire area, unprotected portions of mass timber*

*walls and ceilings shall be not less than 15 feet (4572*

*mm) from unprotected portions of other walls and*

*ceilings, measured horizontally along the ceiling*

*and from other unprotected portions of walls*

*measured horizontally along the floor.*

*602.4.2.3 Floors. The floor assembly shall contain a*

*noncombustible material not less than 1 inch (25 mm)*

*in thickness above the mass timber. Floor finishes in*

*accordance with Section 804 shall be permitted on top*

*of the noncombustible material. The underside of floor*

*assemblies shall be protected in accordance with*

*Section 602.4.1.2.*

*602.4.2.4 Roofs. The interior surfaces of roof assemblies shall be protected in accordance with Section*

*602.4.2.2 except, in nonoccupiable spaces, they shall*

*be treated as a concealed space with no portion left*

*unprotected. Roof coverings in accordance with Chapter 15 shall be permitted on the outside surface of the*

*roof assembly.*

*602.4.2.5 Concealed spaces. Concealed spaces shall*

*not contain combustibles other than electrical,*

*mechanical, fire protection, or plumbing materials and*

*equipment permitted in plenums in accordance with*

*Section 602 of the International Mechanical Code,*

*and shall comply with all applicable provisions of*

*Section 718. Combustible construction forming*

*concealed spaces shall be protected in accordance with*

*Section 602.4.1.2.*

*602.4.2.6 Shafts. Shafts shall be permitted in accordance with Sections 713 and 718. Both the shaft side*

*and room side of mass timber elements shall be*

*protected in accordance with Section 602.4.1.2.*

*602.4.3 Type IV-C. Building elements in Type IV-C*

*construction shall be protected in accordance with*

*Sections 602.4.3.1 through 602.4.3.6. The required fireresistance rating of building elements shall be determined*

*in accordance with Section 703.2.*

*602.4.3.1 Exterior protection. The exterior side of*

*walls of combustible construction shall be protected*

*with noncombustible protection with a minimum*

*assigned time of 40 minutes, as determined in Table*

*722.7.1(1). Components of the exterior wall covering*

*shall be of noncombustible material except waterresistive barriers having a peak heat release rate of*

*less than 150 kW/m2*

*, a total heat release of less than*

*20 MJ/m2*

 *and an effective heat of combustion of less*

*than 18 MJ/kg as determined in accordance with*

*ASTM E1354 and having a flame spread index of 25*

*or less and a smoke-developed index of 450 or less as*

*determined in accordance with ASTM E84 or UL 723.*

*The ASTM E1354 test shall be conducted on specimens at the thickness intended for use, in the*

*horizontal orientation and at an incident radiant heat*

*flux of 50 kW/m2*

*.*

*602.4.3.2 Interior protection. Mass timber elements*

*are permitted to be unprotected.*

*602.4.3.3 Floors. Floor finishes in accordance with*

*Section 804 shall be permitted on top of the floor*

*construction.*

*602.4.3.4 Roof coverings. Roof coverings in accordance with Chapter 15 shall be permitted on the*

*outside surface of the roof assembly.*

*602.4.3.5 Concealed spaces. Concealed spaces shall*

*not contain combustibles other than electrical,*

*mechanical, fire protection, or plumbing materials and*

*equipment permitted in plenums in accordance with*

*Section 602 of the International Mechanical Code,*

*and shall comply with all applicable provisions of*

*Section 718. Combustible construction forming*

*concealed spaces shall be protected with noncombustible protection with a minimum assigned time of 40*

*minutes, as specified in Table 722.7.1(1).*

*602.4.3.6 Shafts. Shafts shall be permitted in accordance with Sections 713 and 718. Shafts and elevator*

*hoistway and interior exit stairway enclosures shall be*

*protected with noncombustible protection with a minimum assigned time of 40 minutes, as specified in*

*Table 722.7.1(1), on both the inside of the shaft and*

*the outside of the shaft.*

*602.4.4 Type IV-HT. Type IV-HT (Heavy Timber)*

*construction is that type of construction in which the exterior walls are of noncombustible materials and the*

*interior building elements are of solid wood, laminated*

*heavy timber or structural composite lumber (SCL), without concealed spaces or with concealed spaces complying*

*with Section 602.4.4.3. The minimum dimensions for*

*permitted materials including solid timber, glued-laminated timber, SCL and cross-laminated timber (CLT) and*

*the details of Type IV construction shall comply with the*

*provisions of this section and Section 2304.11. Exterior*

*walls complying with Section 602.4.4.1 or 602.4.4.2 shall*

*be permitted. Interior walls and partitions not less than 1-*

*hour fire-resistance rated or heavy timber conforming*

*with Section 2304.11.2.2 shall be permitted.*

*602.4.4.1 Fire-retardant-treated wood in exterior*

*walls. Fire-retardant-treated wood framing and*

*sheathing complying with Section 2303.2 shall be*

*permitted within exterior wall assemblies with a 2-*

*hour rating or less.*

*602.4.4.2 Cross-laminated timber in exterior walls.*

*Cross-laminated timber (CLT) not less than 4 inches*

*(102 mm) in thickness complying with Section*

*2303.1.4 shall be permitted within exterior wall*

*assemblies with a 2-hour rating or less. Heavy timber*

*structural members appurtenant to the CLT exterior*

*wall shall meet the requirements of Table 2304.11 and*

*be fire-resistance rated as required for the exterior*

*wall. The exterior surface of the cross-laminated*

*timber and heavy timber elements shall be protected*

*by one the following:*

*1. Fire-retardant-treated wood sheathing*

*complying with Section 2303.2 and not less*

*than 15/32 inch (12 mm) thick.*

*2. Gypsum board not less than 1*

*/2 inch (12.7 mm)*

*thick.*

*3. A noncombustible material.*

*602.4.4.3 Concealed spaces. Concealed spaces shall*

*not contain combustible materials other than building*

*elements and electrical, mechanical, fire protection, or*

*plumbing materials and equipment permitted in*

*plenums in accordance with Section 602 of the International Mechanical Code. Concealed spaces shall*

*comply with applicable provisions of Section 718.*

*Concealed spaces shall be protected in accordance*

*with one or more of the following:*

*1. The building shall be sprinklered throughout in*

*accordance with Section 903.3.1.1 and automatic sprinklers shall also be provided in the*

*concealed space.*

*2. The concealed space shall be completely filled*

*with noncombustible insulation.*

*3. Surfaces within the concealed space shall be*

*fully sheathed with not less than 5*

*/8-inch Type*

*X gypsum board.*

*Exception: Concealed spaces within interior walls*

*and partitions with a 1-hour or greater fire-resistance*

*rating complying with Section 2304.11.2.2 shall not*

*require additional protection.*

*602.4.4.4 Exterior structural members. Where a*

*horizontal separation of 20 feet (6096 mm) or more is*

*provided, wood columns and arches conforming to*

*heavy timber sizes complying with Section 2304.11*

*shall be permitted to be used externally.*

*.*

27. Section 716.5.9.1.2

***Insert*** a new Section 716.5.9.1.2 to read: “Every door assembly in a stair enclosure serving more than four (4) stories shall permit re-entry from the enclosure to the interior of the building. **Exception:** An automatic release that is actuated with the initiation of the building fire alarm or fire detection system shall be provided to unlock all stair enclosure door assemblies to allow re-entry.”

28. Section 717.5.3

***Delete*** “and smoke” in the first sentence.

29. Section 903.2.1.2

***Delete*** “100” and ***Insert*** “300”

 *30. Section 903.2.8*

 ***Insert*** *Exception: An automatic sprinkler system shall not be required in Group R-2*

*and R-3 occupancies if all of the following conditions are met:*

 *1. Building area shall be limited to 600 square feet*

 *2. Occupancy is limited to 12 occupants or less*

 *3. All sleeping areas shall be located on the ground floor*

 *4. All sleeping areas shall have a minimum of one exit directly at grade as well*

 *as one additional compliant means of escape*

 *5. Equipment requiring fuel combustion, including, but not limited to, heating*

 *and cooking equipment, shall not be allowed*

 *6. Sleeping area shall not be part of a mixed occupancy*

 *7. Buildings of this type shall be located at least 10 feet away from the nearest*

 *structure or building governed by this code*

31. Section 903.3.1

***Insert***“and any other adopted standard of the Office of the State Fire Marshal and in accordance with the sprinkler rules in the Office of The State Fire Marshal fire sprinkler technical policy”

31. Section 1004.1.2, Exception

***Delete*** “**Exception:** Where approved by the building official, the actual number of occupants for whom each occupied space, floor or building is designed, although less than those determined by calculation, shall be permitted to be used in the determination of the design occupant load.”

32. Section 1005.1

***Insert*** (within the paragraph; after) The means of egress width shall not be less than required by this section. The total width of means of egress in inches (mm) shall not be less than the total occupant load served by the means of egress multiplied by 0.3 inches (7.61mm) per occupant for stairways.

**Exception**: Board and Care 0.4; Health Care – Sprinkled 0.3; Health Care Non-sprinkled 0.6.

***Delete*** “and by 0.2 inches (5.08 mm) per occupant for other egress components”

***Insert*** The total width of means of egress in inches (mm) shall not be less than the total occupant load served by the means of egress multiplied by 0.2 inches (5.08 mm) per occupant for other egress components.

**Exception**: Board and Care 0.2; Health Care Sprinkled 0.2; Health Care Non-Sprinkled 0.5.

33. Section 1010.1.9.9

***Delete*** “E” from the Group reference in two (2) locations in the first paragraph.

34. Section 1017

***Delete*** all language in Section 1017**;** *and*

***Insert*** “See NFPA 101-2009 Table A7.6” in its place.

35. Section 1017**,** Table 1017.2

***Insert*** “I-1” in the occupancy column as a new row; *and*

***Insert*** “See NFPA 101-2009 Table A7.6”

36. Section 1017, Table 1017.2

***Delete*** “E” from the occupancy column as one of the use groups; *and*

***Insert*** a new row in the column titled “Single Use”; *and*

***Insert*** “E” in the Single Use occupancy column; *and*

***Insert*** “150” in the without sprinkler system (feet) column; *and*

***Insert*** “200” in the sprinkling system (feet) column.

37. Section 1017, Table 1017.2

***Delete*** “S-1 and S-2” from the occupancy column; *and*

***Insert*** “S-1 and S-2” in the occupancy column as a new row; *and*

***Insert*** “See NFPA 101-2009 Table A7.6”

38. Section 1030.5.1

***Insert*** “the means of escape shall be continuously maintained free of all obstructions or impediments to full use in case of fire or other emergency”

39. Section 2801.1

[M] 2801.1 Scope. Mechanical appliances, equipment and systems shall be constructed, installed and maintained in accordance *and*

***Delete*** “with the International Mechanical Code and the International Fuel Gas Code. Masonry chimneys, fireplaces and barbecues shall comply with the International Mechanical Code and Chapter 21 of this code.” *and*

***Insert*** “with ASHRAE 62.1 201~~3~~ 6 edition”

STATUTORY AUTHORITY: 10 M.R.S. §9722

EFFECTIVE DATE:

 October 11, 2010 – filing 2010-468

AMENDED:

 January 23, 2018 – filing 2018-008