

UNIFORM CODE AND ENERGY CODE LIST OF CLARIFICATIONS

(September 24, 2012)

BUILDING CODE OF NEW YORK STATE – PUBLICATION DATE: 8/2010

Section 311.2 Add “Fire Truck Bay” to the list of Moderate-hazard storage, Group S-1, so the list will read “. . . Cordage, Dry boat storage (indoor), Fire Truck Bay, Furniture . . .” (12/7/11*)

Omission. Was in the 2007 code but inadvertently left out of the 2010 code.

Section 311.2 Add “Self- service storage facilities” to the list of Moderate-hazard storage, Group S-1, so the list will read “. . . Photo engravings, resilient flooring, Self-service storage facilities, Silks, Soaps . . .” (9/8/11*)

Omission. Was in the 2007 code but inadvertently left out of the 2010 code.

Section 311.2 Add “Bathhouse Facilities” to the list of Utility and Miscellaneous Group U so the list will read “. . . Barns, Bathhouse Facilities, Carports . . .” (12/7/11*)

Omission. Was in the 2007 code but inadvertently left out of the 2010 code.

Table 508.3.3

TABLE 508.3.3 (partial table shown)

REQUIRED SEPARATION OF OCCUPANCIES (HOURS)

OCCUPANCY	A ^e , E ^e		I		R ^d	
	S	NS	S	NS	S	NS
A ^e , E ^e	N	N	1	2	1	2
I	-	-	N	N	1	NP
R ^d	-	-	-	-	N	NP

(12/7/11*)

Clarification/typo. The chart has been changed to indicate that the required separation between R occupancies be changed from “N” (No Separation Requirement) to “NP” (Not Permitted).

Table 508.3.3 titled “Required Separation of Occupancies (hours)” establishes requirements for how many hours walls must be rated when separating different occupancy classifications. Table 508.3.3 currently states that there are no requirements for fire separations between unsprinklered residential occupancies. However Section

903.2.7 requires sprinkling of all residential occupancies, so Table 508.3.3 is incorrect in indicating that there could be residential occupancies that are not sprinklered.

Footnote e should read:

e. Commercial kitchens need not be separated from the restaurant seating areas they serve. (9/19/12*)

Table 508.3.3 Footnote "e" is referenced but is not listed.

Table 601

Table 601 – FIRE-RESISTIVE RATING REQUIREMENTS FOR BUILDING ELEMENTS (hours) (partial table shown)

BUILDING ELEMENT	TYPE I		TYPE II		TYPE III	
	A	B	A ^e	B	A ^e	B
Structural frame ^a	3 ^b	2 ^b	1	0	1	0
Bearing walls	3	2	1	0	2	2
Exterior ^g	3 ^b	2 ^b	1	0	1	0
Interior						
Nonbearing walls and partitions						
Exterior						
Nonbearing walls and partitions	0	0	0	0	0	0
Interior						
Floor construction	2	2	1	0	1	0
Including supporting beams and joists						
Roof construction	1 1/2 ^c	1 ^{c,d}	1 ^{c,d}	0	1 ^{e,d}	0 ^{c,d}
Including supporting beams and joists						

For SI: 1 foot = 304.8 mm.

a. The structural frame shall be considered to be the columns and the girders, beams, trusses and spandrels having direct connections to the columns and bracing members designed to carry gravity loads. The members of floor or roof panels which have no connection to the columns shall be considered secondary members and not a part of the structural frame.

b. Roof supports: Fire-resistance ratings of structural frame and bearing walls are permitted to be reduced by 1 hour where supporting a roof only.

c.Except in Group F-1, H, M and S-1 occupancies, and fire protection of structural members shall not be required, including protection of roof framing and decking where every part of the roof construction is 20 feet or more above any floor immediately below. Fire-retardant-treated wood members shall be allowed to be used for such unprotected members.

d.In all occupancies, heavy timber shall be allowed where a 1-hour or less fire-resistance rating is required.

By definition this type of construction does not have a fire resistive rating, so footnote c is not appropriate. In the row for roof construction change the sixth column headed Type III B: 0^{c,d} to 0^d. (6/15/11)*

Section 1612.5.1.1 **1612.5 Flood hazard documentation.** The following documentation shall be prepared and sealed by a registered design professional and submitted to the code enforcement official:

1. For construction in flood hazard areas not subject to high-velocity wave action:

1.1 The elevation of the lowest floor, including the basement, ~~as required by the lowest floor elevation inspection in Section 409.3.~~ (6/15/11*)

The referenced administrative requirements have been deleted from the NYS code.

Section 1612.5.2.1 2. For construction in flood hazard areas not subject to high-velocity wave action:

2.1 The elevation of the bottom of the lowest horizontal structural member ~~as required by the lowest floor elevation inspection in Section 409.3.3.~~ (6/15/11*)

The referenced administrative requirement has been deleted from the NYS code.

FIRE CODE OF NEW YORK STATE – PUBLICATION DATE: 8/ 2010

Section 603.4.1 **603.4.42 Prohibited locations.** Unvented fuel-fired heating equipment shall not . . . (6/15/11*)

Typographical error.

Section 904.11.6.2 **904.11.6.2 Reserved** (6/15/11*)

For consistency in numbering of sections.

Section 904.11.6.3 **904.11.6.3 Reserved** (6/15/11*)

For consistency in numbering of sections.

Section 1028. **Bed and breakfast dwellings.** A one-family dwelling classified as Group R-3 is permitted to be used as a bed and breakfast dwelling where the means of egress conform with Sections 1027.8.6.1 and 1027.8.6.2. (3/21/12*)

Incorrect section reference.

Section 1029.7 **Exit signs.** Exit signs shall comply with Section 1029.7 through 1029.8.7.5. (3/21/12*)

Incorrect section reference.

Table 1015.1 **TABLE 1015.1 SPACES WITH ONE MEANS OF EGRESS**

In the first row under the OCCUPANCY column: ~~U3~~ (6/15/11*)

Typographical error. A U3 occupancy does not exist, change to U occupancy.

Section 1414.1 **1414.1 Completion before occupancy.** In buildings where an automatic sprinkler system is required by this code or the Building Code of New York State, it shall be unlawful to occupy any portion of a building or structure until the automatic sprinkler system installation has been tested and approved, ~~except as provided in Section 405.3.3.~~ (6/15/11*)

The referenced administrative requirement has been deleted from the NYS code.

Table 2703.8.3.2 **TABLE 2703.8.2 REQUIRED DETACHED STORAGE**

In the column below the heading FIRE-RESISTANCE RATINGS FOR FIRE BARRIERS IN HOURS ~~to 22~~ (6/15/11*)

Typographical error. A 22 hour fire barrier does not exist, should be 2 hour fire barrier.

Section 3404.2.9.5.1.1 **3404.2.9.5.1.1 Location of tanks with pressures 2.5 psig or less.** Above-ground tanks operating at pressures not exceeding 2.5 psig (17.2 kPa) for storage of Class I, II or IIIA liquids, which are designed with a floating roof, a weak roof-to-shell seam or equipped with emergency venting devices limiting pressure to 2.5 psig (17.2 kPa), shall be located in accordance with ~~Table 4.3.2.1.1(a)~~ 22.4.1.1(a) of NFPA 30. (6/20/12*)

Incorrect reference. Refers to Table 4.3.2.1.1(a) which does not exist. Should reference Table 22.4.1.1(a).

RESIDENTIAL CODE OF NEW YORK STATE – PUBLICATION DATE: 8/2010

- Chapter 2 MANUFACTURED HOME “ . . .conforming to the requirements of the Department of Housing and Urban Development (HUD), Manufactured Home Construction and Safety Standards, 24 CFR Part ~~3208-3280~~.” (12/7/11*)
- Incorrect section reference. Change from 3208 to 3280.*
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- Table R602.10.1 **TABLE R602.10.1 WALL BRACING**
- Delete the second footnote “e” (6/15/11*)
- Typographical error – footnote e listed twice.*
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- R611.6.3 **R611.6.3 Insulation materials.** Insulating concrete forms material shall meet the surface burning characteristics of Section R314.3. A thermal barrier shall be provided on the building interior in accordance with Section R314.2~~4~~ or Section R702.3.4. (6/15/11*)
- Incorrect section reference. Change from R314.2 to 314.4.*
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- Table R703.4 **TABLE R703.4 WEATHER-RESISTANT SIDING ATTACHMENT AND MINIMUM THICKNESS.** In the rows for wood rustic drop, shiplap, bevel and butt tip: Fastener penetration into stud – 1~~2~~” (6/15/11*)
- Typographical error. Change from 1? To 1”.*
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- Section R1003.15.1 **R1003.15 Flue area (masonry fireplace).** Flue sizing for chimneys serving fireplaces shall be in accordance with Section R1003.15.1 or Section R1003.15.2.
- R1003.15.1. Option 1.** Round chimney flues shall have a minimum net cross-sectional area of at least 1/12 of the fire- place opening. Square chimney flues shall have a minimum net cross-sectional area of 1/10 of the fireplace opening. Rectangular chimney flues with an aspect ratio less than 2 to 1 shall have a minimum net cross-sectional area of 1/10 of the fireplace opening. Rectangular chimney flues with an aspect ratio of 2 to 1 or more shall have a minimum net cross-sectional area of 1/8 of the fireplace opening. Cross-sectional areas of clay flue linings are shown in Tables R100~~3~~.14(1) and R100~~3~~.14(2) or as provided by the manufacturer or as measured in the field. (6/15/11*)
- Correct section references. Change from Table R1001.14(1) and R1001.14(2) to R1003.14(1) and R1003.14(2).*

Table N1101.4

TABLE N1101.4 NEW YORK STATE CLIMATE ZONES BY COUNTY

Change spelling of “Genessee” to “Genesee.” (6/15/11*)

Typographical error. Correct spelling.

Section N1102.1.5.2

N1102.1.5.2 Offset siding attachment. When airspace separates the siding from direct contact with the foam plastic sheathing, the siding shall be attached in accordance Section R703.4 and Table R703.4, to minimum 1x3 wood or minimum 33 mil steel hat channel furring placed over the foam sheathing. Furring shall be attached through the foam sheathing to wall framing in accordance with Table ~~R703.3.2.2~~ 1102.1.5.2, in regard to minimum fastening requirements and maximum foam sheathing thickness limitations to support siding dead load. The components and cladding design wind pressure determined in accordance with Table R301.2(2), shall not exceed the allowable design wind pressure value in accordance with Table ~~R703.3.2.2~~ 1102.1.5.2. For 25 psf siding weight in accordance with Table ~~R703.3.2.2~~ 1102.1.5.2, the Seismic Design Category shall not exceed D0 for 16”oc furring or C for 24”oc furring. When placed horizontally, wood furring shall be preservative treated wood or naturally durable wood and fasteners shall be corrosion resistant in accordance with Section R317. Steel hat channel furring shall have a minimum G60 galvanized coating. (6/15/11*)

Correct section reference. Change from Table R703.3.2.2 which does not exist, to Table 1102.1.5.2.

Section N1102.4.

N1102.4.32 Air sealing and insulation. Building envelope air tightness and . . .

N1102.4.3.2.1 Testing option. Building envelope tightness and insulation installation . .

N1102.4.3.2.2 Visual inspection option. Building envelope tightness . . .

N1102.4.4.3 Fenestration air leakage. Windows, skylights and sliding glass . . .

N1102.4.54 Recessed lighting. Recessed luminaires installed in the . . . (6/15/11*)

Numbering error.

Section RM2301.5

Backflow protection. Connections from the potable water supply to solar systems shall comply with Section ~~P2902.4.5~~ P2902.5.5. (9/19/12*)

P2902.4.5 does not exist. Section P2902.5.5 has to do with solar systems and is the section referenced in the 2006 Residential Code of New York State.

Section P2719.1 **P2719.1 Floor drains.** Floor drains shall have waste outlets not less than 2 inches (51 mm) in diameter and shall be provided with a removable strainer. The floor drain shall be constructed so that the drain is capable of being cleaned. Access shall be provided to the drain inlet. ~~The trap and fixture drain for an automatic clothes washer standpipe shall be a minimum of 2 inches (50.8 mm) in diameter. The automatic clothes washer fixture drain shall connect to a branch drain or drainage stack a minimum of 3 inches (76.2 mm) in diameter.~~ (6/15/11*)

Typographical error. Remove sentence from this section. These sentences belong in Section P2718.1.

Section P3002.4 **P3002.4 Other material.** Sheet lead, lead bends, lead traps and sheet copper shall comply with Sections P3002.4.1 ~~through and~~ P3002.4.3.2. (12/7/11*)

Correct section error. Change from P3002.4.3 to P3002.4.2.

Section AG105.3.8 **AG105.3 Outdoor swimming pool. . . .**

8. Gates shall comply with the requirements of Section AG105.23, Items 1 through 7, and with the following requirements: (6/15/11*)

Correct section reference from AG105.2 to AG105.3.

Section AG105.3.10.2. 10.2 The ladder or steps shall be surrounded by a barrier which meets the requirements of Section AG105.23, Items 1 through 9. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch-diameter (102 mm) sphere. (6/15/11*)

Correct section reference. Change from AG105.2 to AG105.3.

Section AG105.4 **AG105.4 Indoor swimming pool.** Walls surrounding an indoor swimming pool shall comply with Section AG105.23, Item 9. (6/15/11*)

Correct section reference. Change from AG105.2 to AG105.3.

Section AG109.1 ANSI/NSPA – 3 – 99 Standard for Permanently Installed Residential Pools
.AG104.1 (12/7/11*)

Correct section reference. Change from G104.1 to AG104.1.

EXISTING BUILDING CODE OF NEW YORK STATE – PUBLICATION DATE: 8/2010

Section 704.2.2 **704.2.2 Groups A, E, F-1, H, I, M, R-1, R-2, R-4, S-1 and S-2.** In buildings with occupancies in Groups A, E, F-1, H, I, M, R-1, R-2, R-4, S-1 and S-2, work areas that include exits or corridors shared by more than one tenant or that serve an occupant load greater than 30 shall be provided with automatic sprinkler protection where all of the following conditions occur: (6/15/11*)

Typographical error - add "or" between words "tenant" and "that."

Section 704.4.1.3 **Section 704.4.1.3 "Group I-2.** A fire alarm system shall be installed in work areas of Group I-2 occupancies as required by the *Fire Code of New York State* for existing Group I-2 occupancies." (9/8/11*)

Typographical error - "or" should be "for" between the words "State" and "existing."

Section 907.3.1 **907.3.1 Compliance with the Building Code of New York State.** When a building or portion thereof is subject to a change of occupancy such that a change in the nature of the occupancy results in a higher seismic occupancy category based on Table 1604.5 of the Building Code of New York State . . . (6/15/11*)

Typographical error – add the word "higher" between the words "a" and "seismic."

Section 1301.6.2.1 The equation labeled "Equation ~~13-4~~" should be labeled "13-2".(9/8/11*)

Incorrect section reference. Change Equation 13-1 to Equation 13-2.

Section 1301.6.1.1 **1301.6.1.1 Height formula.**

Denominator of Equation 13-1 should be 12.5, not 125. (6/15/11*)

Typographical error.

Section 1301.6. 2 **1301.6.2. Building area.**

Equation 13-1 for building height

Formula $A_a = (100 + I_f + I_s) \times A_t$

Should be: $Aa = \{At + [At \times If] + [At \times Is]\}$ Wrong formula – was an ICC error that was changed by the ICC in the 2012 IEBC. The formula is also found in Section 506 of the 2010 Building Code of New York State.

Table 1301.6.3. The second row down under the Occupancy column heading should be A2, instead of A1. (9/8/11*)

Typographical error.

PROPERTY MAINTENANCE CODE OF NEW YORK STATE – PUBLICATION DATE: 8/2010

Section 302.4 **Weeds.** All ~~premises~~ and immediate exterior property shall be maintained free from weeds or plant growth in excess of 10 inches (254 mm.). All noxious weeds shall be prohibited. Weeds shall be defined as all grasses, annual plants and vegetation, other than trees or shrubs provided; however, this term shall not include cultivated flowers and gardens. (6/15/11*)

Clarification. Two conflicting requirements - "all premises" and "immediate exterior property." Should say "All immediate exterior property."

Reference Standards Chapter 8. ASTM

F1346-91(1996) Performance Specifications for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs:

Sections 303.3 and 303.6 should be added. (9/19/12*)

Sections referring to referenced standards are not listed in the Reference Standards chapter and some sections referenced in Chapter 8 are not the correct sections.

Reference Standards Chapter 8. ASTM

F2208-08 (Standard Safety Specification for Residential Pool Alarms):

Section 303.6 should be deleted.

Section 303.6.1 should be added. (9/19/12*)

Sections referring to referenced standards are not listed in the Reference Standards chapter and some sections referenced in Chapter 8 are not the correct sections.

Reference Standards Chapter 8. ICC BCNYS – 10 (Building Code of New York State):

Sections 4.2, Section 303.3, 606.1 and 608 should be deleted.

Sections 102.6, 103.2, 103.4, 303.2 and 303.8, 606.1.1, 608.1 should be added. (9/19/12*)

Sections referring to referenced standards are not listed in the Reference Standards chapter and some sections referenced in Chapter 8 are not the correct sections.

Reference Standards Chapter 8. ICC EBCNYS – 10 (Existing Building Code of New York State):

Sections 104.2 and 105.1 should be added. (9/19/12*)

Sections referring to referenced standards are not listed in the Reference Standards chapter and some sections referenced in Chapter 8 are not the correct sections.

Reference Standards Chapter 8. ICC ECCNYS – 10 (Energy Conservation Construction Code of New York State):

Sections 102.6, 103.2 and 201.3 should be added. (9/19/12*)

Sections referring to referenced standards are not listed in the Reference Standards chapter and some sections referenced in Chapter 8 are not the correct sections.

Reference Standards Chapter 8. ICC FCNYS -10 (Fire Code of New York State):

Section 102.6, 102.8, 103.2, and 705.1 should be added.

Sections 609.1 should be deleted.

Section 604.3.1.1 and 604.3.2.1 should be added. (9/19/12*)

Sections referring to referenced standards are not listed in the Reference Standards chapter and some sections referenced in Chapter 8 are not the correct sections.

Reference Standards Chapter 8. ICC MCNYS -10 (Mechanical Code of New York State)

Sections 102.6 and 103.2 should be added. (9/19/12*)

Sections referring to referenced standards are not listed in the Reference Standards chapter and some sections referenced in Chapter 8 are not the correct sections.

Reference Standards Chapter 8. ICC PCNYS -10 (Plumbing Code of New York State):

Sections 602.2 and Section 602.3 should be deleted.

Sections 102.6 and 103.2 should be added. (9/19/12*)

Sections referring to referenced standards are not listed in the Reference Standards chapter and some sections referenced in Chapter 8 are not the correct sections.

Reference Standards Chapter 8. ICC RCNYS -10 (Residential Code of New York State):

Sections 102.6, 103.2, 201.3, 303.8, 404.2, 604.2 and 704.2 should be added. (9/19/12*)

Sections referring to referenced standards are not listed in the Reference Standards chapter and some sections referenced in Chapter 8 are not the correct sections.

ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE – PUBLICATION DATE: 8/2010

Section 402.2.1 **402.2.1 Ceilings with attic spaces.** When Section 402.1.1 would require R-38 in the ceiling, R-30 shall be deemed to satisfy the requirement for R-38 wherever the full height of uncompressed R-30 insulation extends over the wall top plate at the eaves. Similarly R-38 shall be deemed to satisfy the requirement for R-49 wherever the full height of uncompressed R-38 insulation extends over the wall top plate at the eaves. ~~Similarly, R-38 shall be deemed to satisfy the requirement for R-49 wherever the full height of uncompressed R-38 insulation extends over the wall top plate at the eaves.~~ This reduction shall not apply to the U-factor alternative approach in Section 402.1.3 and the total UA alternative in Section 402.1.4. (6/15/11*)

Remove repeated sentence.

Section 403.9 **403.9 Pools.** Pools shall be provided with energy-conserving measures in accordance with Sections ~~403.409.1~~ through ~~403.409.3~~. (6/15/11*)

Incorrect section reference. Change 403.10 to 403.9.

PLUMBING CODE OF NEW YORK STATE – PUBLICATION DATE: 8/2010

Section 405.3.1 **Water closets, urinals, lavatories and bidets.** A water closet, urinal, lavatory or bidet shall not be set closer than 15 inches (381 mm) from its center to any side wall, partition (measured from the inside), vanity or other obstruction, or closer than 30 inches (762 mm) center-to-center between adjacent fixtures. There shall be at least a 21-inch (533 mm) clearance in front of the water closet, urinal, lavatory or bidet to any wall, fixture or door. Water closet compartments shall not be less than 30 inches (762 mm) wide and 60 inches (1524 mm) deep (see Figure 405.3.1). Water closets and urinals shall be installed to prevent direct view from outside the room in which they are located. (6/15/11*)

Omission. Was in the 2007 code but inadvertently left out of the 2010 code.

Section 904.2. The words “or wall” should be deleted, so the sentence reads: **“Frost Closure.** Every vent extension through a roof ~~or wall~~ shall be a minimum of 3 inches (76 mm) in diameter. . .” (9/8/11*)

Omission. With this change the requirement will be consistent with the 2007 code.

Section 1110.1 **CONTROLLED FLOW ROOF DRAIN SYSTEMS**

1110.1 General. The roof of a structure shall be designed for the storage of water where the storm drainage system is engineered for controlled flow. The controlled flow roof drain system shall be an engineered system in accordance with this section ~~and the design, submittal, approval, inspection and testing requirements of Section 105.4.~~ The controlled flow system shall be designed based on the required rainfall rate in accordance with Section 1106.1. (6/15/11*)

The referenced administrative requirement has been deleted from the NYS code.

*indicates date section was changed.