

**Proposed New York State Amendments to the 2009 and 2012 Plumbing, Mechanical and Fuel Gas Codes**

Item No.	2009 Sect.	2013 NYS Sect.	Title	Subcommittee Action	Proposal	Narrative
	<b>PLUMBING</b>					
		202 Def	Combination waste & vent system	<b>OK</b>	add after: more sinks, "lavatories, drinking fountains"	
001	202		Well	<b>Discussed Keep</b>	Keep NYS definition / DOH	
002		202	Gray Water	<b>OK</b>	NEW	
003		202	Grease Interceptor	<b>OK</b>	NEW Hydromechanical & garvity	
004		202	Plumbing Appliance	<b>OK</b>	Replace first sentence	
005		202	Plumbing Fixture	<b>OK</b>	NEW	
006		301.3	Exception	<b>OK</b>	Delete "In buildings other than residential & Appendix C." add at end: for flushing of water closets and urinals or for subsurface landscape irrigation.	
007		303.1	Identification	<b>OK</b>	Add at end: "and any markings required by the appliacble referenced standards.	
008		303.4	Third-party cert.	<b>OK</b>	Rewritten & delete last sentence	
009		304.4	Openings for pipes	<b>OK</b>	new after: passage of pipes,	
010	305.2	***		<b>OK</b>	DELETED IN 2012	
011		305.3	Pipes thru foundation	<b>Discussed OK</b>	NEW	
012	307		structural safety	<b>Discussed Ok</b>	Keep NYS sections - all inclusive	
013		TB 308.5	Hanger spacing	<b>OK</b>	ADD: PE-RT pipe	
014		308.9	Parallel water distrib	<b>OK</b>	Replace last line	
015		309.2 Exc	Flood hazard	<b>OK</b>	add: and installed as required by Section 1612 of BC. Add after elevation: required by Section1612 of BC ... Until: to prevent water...	
016		310.2	Location	<b>OK</b>	NEW	
017		310.3	Interior finish	<b>OK</b>	add at end: Section 1210,"Surrounding MAterials."	
018		312.3	Drainage and vent test	<b>Discussed OK</b>	ADD at beginning: <b>Plastic piping shall not be tested using air.</b>	
019		312.10.2	Testing	<b>Discussed OK</b>	replace until "Shall be tested ...	
020	314.2		Evaporators and	<b>OK</b>	reworded	

			cooling coils		Add Table /condensate drain sizing	
021		315.1	Seal annular spaces	<b>OK</b>	NEW	
022		316	Alternative Engineered Design	<b>Discussed OK</b>	Relocated	
023		401.2	Prohibited fixtures	<b>OK</b>	After ASME A112.19.2 add: /CSA B45.1	
024		exc	Portable Toilets	<b>Discussed Proposed</b>	Propose: Allowed on a temporary basis for A-2 occupancies & A-3 restaurant outdoor decks	
025	Table 403.1		Minimum No/ Required Fixtures	<b>Discussed OK</b>	NYS: divide all water closets and lavatories with vertical line between men and women	
026	Table 403.1 Assembly		Minimum No/ Required Fixtures	<b>Discussed OK</b>	change A-4 & A-5 from 1 water closet for 1 per 40 women for the first 1,500 1,520 and 1 per 60 for remainder exceeding 1,5200.	
027		Table 403.1	Business Mercantile	<b>Discussed OK</b>	Change service sinks footnote g: 15 or less, B & M, no service sink	
028	Table 403.1 Institutional I-4		Minimum No/ Required Fixtures	<b>OK</b>	Add requirement for 1 bathtub/shower in I-4 occupancy, daycare	
029		Table 403.1	R-3 congregate living	<b>OK</b>	was one- & two-family	
030		Table 403.1	I-4 day care	<b>OK</b>	requires 1 bathtub/shower	
031	Tbl 403.1 footnotes		footnotes	<b>Discussed OK</b>	e. drinking fountains (incl. Accessible) f. drinking fountains not required for less than 15  NYS footnote e. Church & f 428	
032		Tbl 403.1	Footnotes	<b>Discussed OK</b>	g. For business and mercantile, 15 or less, no service sink	
033	403.1.1		rearranged add	<b>OK</b>	fixture calculations, exc. For predominate sex. family or assisted-use toilet & bath fixtures	
034		403.2.1	Family or assisted use	<b>OK</b>	separate and unisex	
035	403.3. 403.3.1 403.3.2		Required public toilet Access location	<b>Discussed Proposed</b>	NYS The accessible route shall not pass thru ... NEW add at end after 500 feet "and may be a route outside."	NYS 2010  Suggestion for NYS
036		403.3	Required public toilets	<b>OK</b>	exc: no toilets in open or enclosed or unattended parking garages	
037		403.3.2	Toilet room location	<b>OK</b>	new: toilet rooms shall not open into prep food for service to public	
038		403.3.3 403.3.4	Location of toilet facilities ..	<b>OK</b>	Add after covered "and open" Add after covered "and open" change all other "covered mall" to "mall" add sq.ft.: "the perimeter line of an open mall buildings"	

039		403.3.6	Door locking	<b>OK</b>	NEW	
040		403.4	Signage	<b>OK</b>	Add at end: Signs for accessible toilet facilities ...	
041		403.5	Drinking fountain	<b>OK</b>	NEW	
042	403.4.1		Directional signage	<b>OK</b>	NEW BC 3107	
043		405.3.1 405.3.3 -Add after covered "and open" 405.3.5	Water closets .. Location	<b>OK</b>	ADD: last sent: 60 inches in dept "for floor-mounted ... NEW	
044	405.3.1		install fixtures	<b>Discussed OK</b>	keep NYS diagram add: water closets and urinals shall be installed to prevent direct view from outside the room in which they are located.	NYS text left out of 2010.
045		405.4	floor & wall drain	<b>OK</b>	reworded	
046		405.9	Design & install	<b>OK</b>	add /CSA B45.1 and /CSA B45.4	
047		406.1	Auto clothes wash	<b>OK</b>	delete 406.1 approval	
048		406.2	Waste connection	<b>OK</b>	NEW 3 <sup>rd</sup> sent: The fixture drain for the standpipe ...	
049		407.1 407.2	Bathtubs	<b>OK</b>	NEW	
050		408.1 408.3	Bidets	<b>OK</b>	ASME A112.19/CSA B45or CSA B125.3	
051		409.1	Dishwashers	<b>OK</b>	Delete first sentence	
052		410	Drinking Fountains	<b>OK</b>	Reworded / NEW	
053	411		emergency eye wash	<b>OK</b>	reference standard change to ANSI Z358.1 (change in ref.std. list)	
054	412.2		floor drains	<b>OK</b>	add: Ready access shall be provided to floor drains ex: refrigerated display cases	
055	412.4		floor drains	<b>OK</b>	Change title or create another section ?? also keep NYS 1st sentence & slab "4 inches when ... & exception for public single use	
056		413.1	Food waste grinder	<b>OK</b>	delete: commercial ... ASSE 1009	
057	413.3		comm. food waste grinder waste outlets	<b>OK</b>	change waste line size from 2" to 1 1/2"	
058	413.4		water supply	<b>OK</b>	add: The water supply shall be protected against backflow by an <i>air gap</i> or backflow preventer in accordance with Section 608.	

059		415.1	Laundry trays	<b>OK</b>	ASME A112.19.2/CSA B45.1, ASME A112.3/CSA B45.4 A112.19.1/CSA B45.2	
060		416.1	Lavatories	<b>OK</b>	ASME A112.19.2/CSA B45.1, ASME A112.3/CSA B45.4 A112.19.1/CSA B45.2	
061	416.5	416.5	tempered water	<b>OK</b>	facilities. New Tempered water shall be delivered through ... Add or CSA B125.3 Add: from "lavatories and group wash fixtures" in public	
062		417.1	Showers	<b>OK</b>	ASME A112.19.2 add /CSA B45.1 or CSA B 45.5	
063	417.2		water supply riser	<b>OK</b>	ADD: 2 <sup>nd</sup> sentence	
064	417.5.2 417.5.2.5	417.5.2 417.5.2.6	shower liner	<b>OK</b>	expanded language, add exception 2 NEW through 417.5.2.6 NEW	
065		418.1 419.1 420.1 421.1 421.4	Sink approval Urinal approval Water closet Whirlpool	<b>OK</b>	Add /CSA B ... Add /CSA B... Add /CSA B ... ADD CSA B .. ADD /CSA B ...	
066	424.1 424.1.2 424.3 424.5		Faucets & other Waste fittings Individual Bathtub	<b>OK</b>	ASME/CSA B125.1 ASME/CSA B125.2 ASME A112.18.1/CSA B125.1 or CSA B125.3	
067		424.2 424.4	Hand showers Mult. showers	<b>OK</b>	A112.18.1/CSA B125.1 CSA B125.3, CSA B125.1	
068		424.9	Water closet personal hygiene devices	<b>OK</b>	NEW (for bidet sprays and other optional features as applied to water closets, water closet seats, and other retrofit devices intended to be supplied with cold and/or hot water.	
069		425.2 425.4	Flushometer valves & tanks	<b>OK</b>	or CSA B125.3 /CSA B45.15	
070	428		Service sink	<b>Discussed OK</b>	<b>ICC deleted</b> , replace & Add: NYS	
071	502.1.1		Water heater elevation	<b>OK</b>	NEW: Elevate ignition source & protect water heaters from damage	
072	502.5		Clearance	<b>OK</b>	Clearance, maintenance, replacement	
073	504.6		Discharge	<b>OK</b>	item 5:discharge to the floor, to the pan serving the water heater of storage tank, an indirect waste receptor, or to the outdoors	concern about freezing outdoors
074	504.7		Required pan	<b>OK</b>	NEW	
075	505		Unfired vessel insulation	<b>Discussed OK</b>	NEW - Unfired hot water storage tanks shall be insulated to R-12.5 (h ft <sup>2</sup> F)/Btu (R-2.2m <sup>2</sup> K/W)	Coordinate with Energy Code
076	602.3		Individual water	<b>Discussed</b>	NYS: not available within 200 feet	

	602.3.1		supply	<b>OK</b>	Private water supplies: DEC & DOH	
077	Table 604.3	Table 604.3	Water distribution	<b>OK</b>	update terminology /mixing valves both flushometer valves: flow rate & flow pressure changed	
078		Table 604.5	Fixture size	<b>OK</b>	ADD: Urinal, flushometer valve & Water closet flushometer valve	
079		604.8	Water pres reducing	<b>OK</b>	Add: or CSA B326	
080		Table 605.4	Water dist pipe	<b>OK</b>	Add: PE-RT	
081		Table 605.5	Pipe Fittings	<b>OK</b>	PEX ADD: ASTM F 2098, ASTM F 2434, & ASTM F 2735 ADD: new item: PE-RT	
082		605.6	Flex water connect	<b>OK</b>	/CSA B125.6	
083	605.10.2		Solvent cementing	<b>OK</b>	NYS add to 3 <sup>rd</sup> sent: "and ASTM F 402.	
084	Tables 605.3, 605.4, 605.5 Sections 605.17.2, 605.21, 605.21.1 605.24.1	Same	Water service & water distribution & fittings	<b>OK</b>	change flow rate & flow pressure Add new reference standards	
085	605.16.2		Solvent cementing	<b>OK</b>	NYS add to 2nd sent: "and ASTM F 402.	
086	605.22.2		Solvent cementing	<b>OK</b>	NYS add to 3th sent: "and ASTM F 402.	
087		605.25	Polyethylene ...	<b>OK</b>	NEW	
088		606.7	Labeling	<b>OK</b>	NEW	
089		607.1.1	Temp. limits	<b>OK</b>	NEW	
090		607.2	Hot or tem;pered	<b>Discussed OK</b>	change 100 to 50 feet. Add last line	
091	607.4		Flow of water	<b>OK</b>	ADD: ASME A112.18.1/CSA B125.1	
092		607.5	Pipe insulation	<b>OK</b>	NEW	
093	608.7 608.8		Valves below grade ID non-potable	<b>OK</b>	NEW NEW	
094	Table 608.1	Table 608.1	Backflow preventers	<b>OK</b>	CSA B125.3 Del: CSA B64.3.1 Reduced pressure: add assembly at end Change spillproof to spill-resistant	
095		608.2	Plumbing Fixtures	<b>OK</b>	/CSA B125.1	
096		608.3.1	Special equip ...	<b>OK</b>	add "assembly" 2x	
097		608.6	Cross-connect	<b>OK</b>	approved "methods are installed to protect the potable ..."	
098		608.8	Nonpotable	<b>OK</b>	Delete: "In buildings"	

099		608.13.2 608.13.5	Reduced Pressure Pressure vacuum	<b>OK</b>	ADD: assembly ADD: assembly 2x	
100	608.14.2 608.14.2.1		Protection of backflow preventers & relief port piping	<b>OK</b>	new: protection from freezing by heat, insulation or both relief port or air gap fitting of backflow preventer discharge	
101		608.13.8	Spill-resistant	<b>OK</b>	New title, ADD: "or CSAB64.1.3. These assemblies"...	
102		608.14	Location	<b>OK</b>	replace after specified by "the manufacturer's instructions.	
103		608.15.2	Protection by reduced	<b>OK</b>	replace after backflow: "prevention assembly or ...	
104		608.15.4.1	Deck-mounted and	<b>OK</b>	replace after breakers or "spill-resistant" vacuum breaker "assemblies" ...	
105	606.16.1		Beverage dispensers	<b>OK</b>	backflow preventer CSAB64.3.1 removed & reworded	
106		608.16.4	Connections	<b>OK</b>	add after assembly 'a double, check fire protection add after: reduced press. principal "fire protection	
107		608.16.4.1	Additives	<b>OK</b>	add: after: principal "fire protection after backflow "prevention assembly or the reduced ... Until shall be permitted .. Delete "or pipe applied" before reduced ... last sentence	
108		608.16.5	Conn lawn irrigation	<b>OK</b>	Add at end of first sentence: "assembly." Add at end of last sentence: "assembly."	
109		608.16.6	Connect - backpress.	<b>OK</b>	Add after subject : "to high hazard" pressure Add at end "assembly	
110		611.1 611.2	Drinking water	<b>OK</b>	Both: Add or CSA B483.1	
111		701.8	Engineered sanitary	<b>OK</b>	Change section 105.4 to 316	
112	Tables 702.1- 702.4		Sanitary drainage	<b>OK</b>	expand material description & ref. Stds.	
113	Tables 702.1 to 702.4 & 705.18		Polyvinylidene Fluoride (PVDF) plastic pipe	<b>OK</b>	Add polyvinylidene Fluoride (PVDF) plastic pipe new reference standards new sections 705.18 - PVDF joints	
114	704.5		Dead ends	<b>OK</b>	delete	reduce remodeling costs
115	705.2.2		Solvent cementing	<b>OK</b>	NYS add to 3 <sup>rd</sup> sent: "and ASTM F 402.	
116	705.7.2		Solvent cementing	<b>OK</b>	NYS add to 3 <sup>rd</sup> sent: "and ASTM F 402.	
117	705.8.2		Solvent cementing	<b>OK</b>	NYS add to 4th sent: "and ASTM F 402.	
118	705.14.2		Solvent cementing	<b>OK</b>	NYS add to 3 <sup>rd</sup> sent: "and ASTM F 402.	
119		706.2	Obstructions	<b>OK</b>	Add 2 <sup>nd</sup> sentence	
120	Table 709.1 Section 709 709.4.1		Drainage fixture units	<b>OK</b>	expand for shower w/ multiple outlets add footnote c floor drains add footnote h clear-water waste receptors	grocery store coolers, etc.

121	711.2	Deleted		<b>OK</b>	renumbered	
122		711.2 711.2.1	Horizontal stack Omission of vents	<b>OK</b>	Change Section 915 to 907	
123		712.3.5	Pump connection	<b>OK</b>	Title change,	
124	712.3.3	712.3.3 712.3.3. 712.3.3.2	Discharge piping	<b>OK</b>	new: sumps and ejectors delete above replace	
125		712.4	Pump connection	<b>OK</b>	reworded	
126		715.1	Sewerage backflow	<b>OK</b>	Added: "installed on a floor with a finished floor elevation" deleted "flood level rims"	
127	802.1 802.1.8		Indirect wastes	<b>OK</b>	add section 802.1.8 Food utensils, dish, pots and pans sinks indirect discharge	
128		802.1.8		<b>OK</b>	deleted "or directly connect" to the drainage system	
129		802.2  Exception	Installation	<b>OK</b>	deleted or standpipe (end of first sentence) chg: 2 feet to 30 inches AND 4 feet to 54 inches NEW	
130		802.3	Waste receptors	<b>Discussed OK</b>	Replace: in 3 <sup>rd</sup> sentence: toilet rooms, "plenums, crawl spaces, attics, interstitial spaces above ceilings and below floors " or in...	
131		901.3	Chemical waste vent	<b>OK</b>	Del: "open air" Add: the outdoors or to ... ASTM F 1412.	
132		903 904  904.5	Vent terminals Outdoor vent ext	<b>OK</b>	Swapped code sections 903.4: new text 903.5 chg: 3 feet to 2 feet Chg to: Section 906.1	
133	903.2 910		vent stack	<b>OK</b>	vent stack required exc: 910 910 is existing	
134	904.1		Roof vent	<b>OK</b>	ALL open vent pipes SHALL extend thru the roof terminate at least 18 inches above the roof	NYS
135		906 907 908	Vent Pipe Sizing Vents -Stack Offsets Relief Vents	<b>OK</b>	NEW incl Table 906.1 expanded, Tb 906.1 new NEW NEW	
136	909.1	912.1	Horizontal wet vent	<b>OK</b>	add after ... horizontal branch drain: Each wet-vented fixture drain shall connect independently to the horizontal wet vent.	
137	909.2	912.2	<b>Dry</b> vent connection	<b>OK</b>	reworded: 2 sub sections horizontal & vertical	
138		917	Single Stack Vent Sys	<b>OK</b>	NEW	
139		914 915		<b>OK</b>	Deleted	

		916				
140		918.3	Where permitted	<b>OK</b>	Add valve "in accordance with Section 918.3.1." Add valve "in accordance with Section 918.3.2."	
141	917.3.3	918.3.2	Stack	<b>OK</b>	Chg "shall not" to "shall be prohibited from"	
142	917.8	918.8	Prohibited location (air admittance valves)	<b>OK</b>	add at end: Air admittance valves without an engineered design shall not be utilized to vent sumps or tanks of any type. Add after Chapter 8 "except ... ASTM F 1412."	
143	1002.1	1002.1	Trap requirements	<b>OK</b>	NOT NEW New exception 4.	
144	1002.4		Trap Seals	<b>OK</b>	new: Trap seal primer valves shall connect to the trap at a point above the level of the trap seal.	
145		1003.3.1	Grease Interceptors &	<b>OK</b>	Add; New last line	
146	1003.3.4		Grease interceptors and automatic grease removal devices	<b>Discussed OK</b>	reworded and expanded exc: NOT NEW	
147		1003.3.4	Hydromechanical	<b>Discussed OK</b>	Add: "Hydromatic" grease (2x) Add CSA B481.3 & PDI G101 Add CSA1& PDI G102 New last sentence Delete exception	
148		1003.4.2	Oil separator design	<b>OK</b>		
149	1101.9		Backwater valves	<b>OK</b>	reworded & expanded "shall be provided"	concern with flow into a body of water
150		1102.6	Roof drains	<b>OK</b>	changed ref. Stds.	
151	Table 1102.4 Table 1102.7		Bldg storm sewer pipe fittings	<b>OK</b>	new: ASTM F 2306/F 2306M	
152		1105.1 1105.2		<b>OK</b>	replace with 1105.1, renumber 1005.3 to 1105.2	
153		tbl 1106.2(1)		<b>OK</b>	add footnote a	
154		tbl 1106.2(2)		<b>OK</b>	NEW	
155		1106.2		<b>OK</b>	add tables 1106.2(1) & (2)	
156		1106.5	Parapet scrubber	<b>OK</b>	Add Section 1503.4	
157		1107	Siphonic roof drain	<b>OK</b>	NEW	
158		1108	Secondary roof drain	<b>OK</b>	NEW	
159		Chapter 13	grey water recycling	<b>OK</b>	Moved from Appendix C and re-written	

160	Chapter 13	Chapter 14	Ref. Stds.	<b>OK</b>	Updated versions	
161	Appendix	Appendix	A, B, D, E	<b>OK</b>	reserved	
162	Appendix C C101.12	See above	Gray Water Recycling Overflow	<b>OK</b>	the over flow pipe shall be TRAPPED and	
163	C102.2		Disinfection	<b>Discussed OK</b>	add: that are recommended for use with the pipes, fittings and equipment by the manufacturer of the pipes, fitting and equipment.	
164	C102.5		Materials	<b>OK</b>	NOT NEW	
165	Appendix F		Structural Safety	<b>OK</b>	NYS - keep	NYS
166		Appendix H	Sanitary fittings	<b>OK</b>	NYS - keep	
167	IPSDC	IPSDC		<b>OK</b>	DELETE: Int. Private Sewerage Disposal Code	
				<b>OK</b>		
	<b>MECHANICAL</b>			<b>OK</b>		
168	Chapter 1	Chapter 1	Scope	<b>OK</b>	Exception: counter top appliances (see new FGC 101.24)	
169	Chapter 2	Chapter 2	Definitions	<b>OK</b>		
170		301.3 301.4 301.5	ID components testing	<b>OK</b>	NEW renumber	
171		301.9	Label info	<b>OK</b>	add: item 4	
172		301.16 & exc.	Flood Hazard	<b>OK</b>	del: design flood elevation Add: Section 1612 BCNYS for utilities and attendant equipment	
173	302		Protection of Structure	<b>OK</b>	NYS Sections 302.2.1 thru 302.2.4	NYS
174		302.2	Penetrations	<b>OK</b>	Add: Chapter 7 BNCYS	
175	303.5		Indoor location	<b>OK</b>	NOT NEW	
176	304.3	304.3 exc	Elevation of ignition source	<b>OK</b>	delete sentence: Such equipment shall not be installed in Group H occupancies or control areas where ... Rewritten	New Section 304.4
177		304.5	Hydrogen-generating	<b>OK</b>	Add first sentence	
178	304.6		Public garages	<b>OK</b>	2 <sup>nd</sup> sent: Where motor vehicles exceed 6 feet (1829 mm) in height and are capable of passing under an appliance, the appliance shall be installed at the clearances required by the appliance manufacturer and not less than 1 foot higher than tallest vehicle garage door opening.	
179	304.10		Clearances from grade	<b>OK</b>	Add: Such support shall be in accordance with the manufacturer's installation instructions	

180	305.5		Protection against physical damage	<b>OK</b>	change 0.062-inch-thick TO: 0.0575 inch	
181	Table 305.4		Piping support spacing	<b>OK</b>	Add Ploypropylene (PP) pipe of tubing 1 in. Or smaller Add Ploypropylene (PP) pipe of tubing 1 1/4 in. Or larger	
182	306.1		Access for maintenance and replacement	<b>OK</b>	all new text	
183	306.2		Appliances in rooms	<b>OK</b>	Rooms containing appliances remove: "requiring access" shall be provided with	
184	306.3		Appliances in attics	<b>OK</b>	delete: Attics containing appliances "requiring access" delete: 20 inches by 30 inches, "where such dimensions"	
185	306.4		appliances under floors	<b>OK</b>	NOT NEW	
186	306.5	306.5 Exc 2 Ex 7, 8 & 10	Equipment and Appliances under floors	<b>OK</b>	Add at end: Where access involves climbing over parret walls, the height shall be measured to the top of the Slight reword of first sentence Add second to last sentence Add second sentence NEW	
187	307.2.1		Condensate disposal	<b>OK</b>	Add 2 <sup>nd</sup> sentence: Such piping shall maintain a minimum horizontal slope in the direction of discharge of not less than one-eighth unit vertical in 12 units horizontal (1% slope)	
188	307.2.2		Drain pipe materials and sizes	<b>OK</b>	add 3 <sup>rd</sup> sentence: Joints and connections shall be made in accordance with applicable provisions of Chapter 7 of plumbing code relative to the material type.	
189	307.2.2 Table 307.2.2		Drain pipe materials and sizes	<b>OK</b>	add to last sentence: the pipe or tubing shall be sized in accordance with Table 307.2.2	
190	307.2.3 exc. 1		Auxiliary and secondary drain system	<b>Discussed OK</b>	rewrite add: where damage ... could  Change galvanized 0.0276-in to 0.0236 inch	
191	307.2.3.1		Water-level monitoring devices	<b>Discussed OK</b>	slight wording change	
192	307.2.3.2		Appliance, equipment and installation in pans.	<b>OK</b>	NEW	
193		308.5	Labeled Assemblies	<b>OK</b>	add UL 1618	
194	Table 308.6		Clearance reduction methods	<b>OK</b>	first 4 items: Change 0.24 in to 0.0236 in 5 <sup>th</sup> item NOT NEW add footnote b.	
195	312.2		Heating & cooling load calculations	<b>OK</b>	Change to ASHREA/ACCA Atd 183. Keep last sentence Alternatively ... Chapter 3 of ECC	

196	401.1		Scope (Ventilation)	<b>OK</b>	Add: Mechanical ... Adds smoke control +++	
197		401.2	Ventilation required	<b>OK</b>	add second sentence	
198	401.4	401.4 ex 1 exc 2 exc 4	Intake opening location	<b>OK</b>	NEW except streets, alleys, parking lots & loading docks delete second sentence add last two sentences add Section 1612 BCNYS	
199		401.5	Intake opening protect	<b>OK</b>	Add second sentence	
200	403.1		Mechanical ventilation system	<b>OK</b>	delete second paragraph	
201	403.2		outdoor air required	<b>OK</b>	Add 3 sentences & exception: registered design professional ... Section 403.3	
202	403.2.1 403.2.2		Recirculation of air Transfer air	<b>OK</b>	NOT NEW	
203	403.2.2		Transfer air	<b>OK</b>	NOT NEW	
204		Table 403.3	Min vent rates	<b>OK</b>	Changed order of columns separate beauty salons & nail salons & changed footnotes e: "the exhaust system is designed ... to end. f At ene :while occupied." h "a source capture system capable of" till m50 cfm	
205	403.3		Outdoor airflow rate	<b>OK</b>	reworded. Added engineered design Added 2 <sup>nd</sup> paragraph exception NOT NEW	
206	403.3.1.1 thru 403.4		Breathing zone outdoor airflow	<b>OK</b>	NEW: calculation changed all changed	
207	Table 403.3		Minimum Ventilation Rates	<b>OK</b>	Columns changed;; values changed	
208	403.6 - 403.7		variable control Balancing	<b>OK</b>	NEW incl table	
209	404.2		Minimum ventilation	<b>OK</b>	ventilation airflow rate of 0.75 cfm/sq ft (was 1.5)	
210						
211		404.1	Encl parking garages	<b>OK</b>	Subdivide with two options	
212						
213						
214	501.1		Exhaust system scope	<b>OK</b>	ADD: mechanical ... add smoke control +++	
215		501.2	Independent system	<b>OK</b>	NEW, renumber sections	

216	501.2.1		Location of exhaust outlets	<b>OK</b>	item 3 add: Such exhaust shall not be considered hazardous or noxious. Item 4 NEW Item 5 new 7 items	
217	501.2.1.1		exhaust discharge	<b>OK</b>	NEW	
218	501.2.2		Exhaust opening protection	<b>OK</b>	NEW	
219	501.3		pressure equalization	<b>OK</b>	Add: R-3 "and dwelling units in R-2,"	
220		501.3.1	Location exhaust	<b>OK</b>	item 4: elevation req. by Section 1612 BCNYS	
221		501.3.2	Exhaust open protect	<b>OK</b>	Add 4 <sup>th</sup> sentence	
222		502.4.3 502.5.3	Supervision Supervision	<b>OK</b>	NEW NEW	
223		502.8.1	Storage in excess	<b>OK</b>	New exc: 2	
224		502.9.1	Compressed gas	<b>OK</b>	insert FC 2x	
225		502.9.11	Silane gas	<b>OK</b>	add: Chapter 64 BC & FC	
226		502.10.2	Penetrations	<b>OK</b>	add: Section 707 BC add: Section 711 BC	
227		502.19	Indoor firing ranges	<b>OK</b>	replace ASHA with DOL	
228	504.2		Clothes dryer exhaust penetrations	<b>OK</b>	Add first sentence	
229	504.5		Makeup air	<b>OK</b>	add at end: or makeup air shall be provided by other approved means	not definitive enough for CEO
230	504.6 - 504.6.7		Domestic Clothes Dryer Ducts	<b>OK</b>	split up sections complete code change: length protection plates ... max length 35 feet	
231		504.7 Item 12	Comm clothes dryers	<b>OK</b>	replace Type 2 with "serving commercial" NEW	
232	504.8		Clothes dryer common exhaust	<b>OK</b>	NEW Common exhaust multi-story	
233		505.1	Domestic systems	<b>OK</b>	add at end: "and shall be independent of all ..."	
234	505.1		Exception 2	<b>OK</b>	not new	
235	505.2		makeup air req.	<b>OK</b>	NEW: exhaust hood systems capable of 400 cfm or more	
236	506.3.1.1		Grease duct materials	<b>OK</b>	add UL 1978 to exception	
237	506.3.2.1		Duct joint types	<b>OK</b>	expanded text	
238		506.3.2..3	Duct to exhaust	<b>OK</b>	ADD: last sentence	
230	506.3.2.5		Grease duct test	<b>OK</b>	delete: in the presence of CEO. Add last sentence: for LISTED factory-built ...	

240	506.3.6		Grease duct clearances	<b>OK</b>	"Where enclosures are required" Exceptions 1 (UL 1978) & 3 (ASTM E2336)	
241		506.3.7 506.3.7.1	Prevent grease accum Grease reservoirs	<b>OK</b>	replaced: "an approved" grease reservoir with "a" NEW	
242	506.3.8 506.3.8.1	506.3.8	Grease duct cleanouts  personnel entry	<b>Discussed</b> <b>OK</b>	change "doors shall be equipped with a substantial ..." NEW Not new	
243	506.3.8.2		cleanouts serving in-line fans	<b>OK</b>	NEW allows access openings use tool to open	
244		506.3.9 506.3.10	Grease duct cleanouts Underground	<b>OK</b>	NEW text NEW section renumber	
245	506.3.10 506.3.10.1 506.3.10.2 506.3.10.3 506.3.10.4		Grease duct enclosure shaft enclosure field-applied ... Factory-built ... Duct enclosure not req	<b>Discussed</b> <b>OK</b>	reworded and shorter was exc. 1 was exc. 2 split and expanded was exc. 2 split and expanded was exc. 3	
246		506.3.11 506.3.11.3	Enclosures  Factory built duct	<b>OK</b>	Add after floor "or any concealed spaces" replace "need not exceed .." with: "and not less than 1.." Add before last sent: Partial application ... grease duct	
247	506.3.12.3		Termination location	<b>OK</b>	new last sentence only	
248		506.3.13.3	Termination	<b>OK</b>	Exc: NOT NEW	
249		506.4	Ducts Type II hoods	<b>OK</b>	Deleted first sentence	
250	506.4.1 506.4.2		Ducts Type II terminations	<b>OK</b>	swapped numbers & new text: 8 items	
251	507.1	507.1	Comm. Kitchen hoods	<b>OK</b>	exc. 2: 2 new lines at end: "Spaces I which such ... Exc. 3: new last line: "Reduced volumes shall not be Moved "listed & labeled"; added 507.5	
252		507.2	Where required	<b>OK</b>	NEW exception	
253	507.2.1	507.2.1	Type I hoods	<b>OK</b>	chg: over medium-duty, heavy duty and extra-heavy-duty cooking appliances Add after smoke: as a result of the cooking process Add new exception	
254		507.2.1.1 507.2.1.2	Operation Exhaust flow rate label	<b>OK</b>	New After 2 <sup>nd</sup> sentence NEW	
255	507.2.2		Type II hoods	<b>OK</b>	Chg: cover dishwashers, and light-duty: heat and moisture; no exceptions	

		507.2.2			removed "lightduty" 2X add after grease or smoke "as a result of ... Add after Type II hoodshall "be provided..." Add last sentence	
256	507.2.2		Exception	<b>Discussed Proposal</b>	<b>propose NYS change: no hood for cord plug-in appliances with size limitations. TB</b>	Voted to modify 2012 IMC
257	507.2.6		Extra heavy duty	<b>OK</b>	renumber: extra-heavy duty shall not cover ... independent	
258	507.4		Type I materials	<b>OK</b>	slight change: 18 gage & 20 gage (rounded inches up)	
259	507.5		Type II materials	<b>OK</b>	slight change: 22 gage & 24 gage (rounded inches up)	
260	507.9		Clear - Type I hood	<b>OK</b>	exc: add ½ inch or thicker cementitious wall board	
261		507.10	Hoods penetrating	<b>OK</b>	NEW 2 <sup>nd</sup> sentence	
262		507.11	Grease filters	<b>OK</b>	add after: grease filetre "listed and labeled ... UL 1046"	
263	507.13.1 507.13.2 507.13.3 507.13.4		Extra-heavy-duty cooking appliances	<b>OK</b>	add "as determined by" for each	
264	508.1		Makeup air	<b>OK</b>	2 <sup>nd</sup> sentence add: "to the building from all sources "Mechanical makeup air systems shall be automatic ...	
265	508.1.1		Makeup air temp	<b>OK</b>	delete exceptions add: except where added heating and cooling loads	
266	510.4..		Independent system	<b>OK</b>	last paragraph reworded	
267	510.6.1		Fire dampers & smoke dampers	<b>OK</b>	add: "and smoke dampers"	Discussed potential proposal
268		510.7 ex 2	Suppression required	<b>OK</b>	NEW	
269	510.8	510.8.1	Duct construction Duct joints	<b>OK</b>	add: UL 723 Add 2 <sup>nd</sup> sentence	
270		513.1 513.2	Smoke control systems	<b>OK</b>	add after BC "Fire Code" 2x add after BC "Fire Code" 1x	
271		513.5	Smoke barrier	<b>OK</b>	NEW items 2 & 3	
272	513.11		Power systems	<b>OK</b>	added Section 707 & Section 712 and NFPA 70.	
273		513.12 5.13.12..2	Detection/control	<b>OK</b>	Add after BC " or FC".	
274	513.13.1		Materials	<b>OK</b>	exception 2: change 22 gage 0.0296	
275		514.1 514.4	Energy recovery Recirculated air	<b>OK</b>	Add 2 <sup>nd</sup> & 3 <sup>rd</sup> sentences NEW	
276	601.2		Air movement in egress corridors	<b>OK</b>	exception 4 new	
277	601.4		Contamination	<b>OK</b>	add exception	

		601.4	prevention		add exception 2	
278	602.2.1	602.2.1 Exc 5 602.2.1.1	Materials in plenums  Wiring	<b>OK</b>	Reworded & expanded	
279	602.2.1.4 602.2.1.4.1 602.2.1.4.2		Electrical equipment within plenums	<b>OK</b>	new New: equipment in metallic enclosures Equipment in combustible enclosures - reworded	
280				<b>OK</b>		
281	602.2.1.5	602.2.1.5 602.2.1.5.1 602.2.1.5.2 602.2.1.5.3	Foam plastic insul  Separation Approval Covering	<b>OK</b>	add UL 723 add after finish, "or as interior trim" Add after BC, "and shall ... intended for use NEW add after 75 or less "and smoke developed ...intended us	
282		602.2.3	Stud & joist	<b>OK</b>	NEW item 6	
283		602.4	Flood hazard	<b>OK</b>	Add "required by Section 1612 ... equipment 2x	
284	603.4.1		Minimum fasteners	<b>OK</b>	NEW: round metallic ducts: at least 3 sheet metal screws or rivets	
285	606.4.1		Supervision	<b>OK</b>	duct smoke detectors connected to fire alarm (if there is a fire alarm system).	
286	Table 603.4		duct construction minimum metal thicknesses	<b>OK</b>	changed metal thickness, galvanized gage, and aluminum thickness	
287		603.5	Nonmetallic ducts	<b>OK</b>	Add "and shall comply with" UL 181	
288	603.7	603.7	Rigid duct penetrations	<b>OK</b>	first sentence the same - rest is new Add continuous "shall be constructed of ..." and shall not	
289	603.8.1		Slope	<b>OK</b>	add 1/8 inch per foot	
290	603.9	603.9	Joints, seams and connections	<b>OK</b>	Tapes & mastics replaced by "Closure systems" Add last sentence "closure systems used to seal metal ... Last sentence "sealant on "any" ducts (delete "metal")	
291		603.10	Supports	<b>OK</b>	Chg to 12 feet & incorporate SMACNA	
292		603.13	Flood hazard areas	<b>OK</b>	ADD Section 1612 BC 2x	
293		603.17	Air dispersion systems	<b>OK</b>	NEW & renumber after	
294	604.3		Insulation Coverings and linings	<b>OK</b>	add UL 723	
295	604.7		Identification	<b>OK</b>	not new - item 4 is new	
296	606.4.1		Supervision	<b>OK</b>	add fire alarm system "is required by Section 907.2 of FC	
297	607.1.1		Ducts that penetrate	<b>OK</b>	reworded and expanded	

			fire resistance-rated assemblies without dampers		refer to 713.2 - 713.3.3 BC 713.4 - 713.4.2.2 BC	
298	607.1.1.1		Ducts that penetrate non-fire-resistance-rated assemblies	<b>OK</b>	refer to 716.6.3 BC	
299	607.2.1		Smoke control system	<b>OK</b>	change to section 909 add last sentence	
300	607.3 607.3.1 607.3.2	607.3.1	Dampers damper testing damper rating damper testing	<b>OK</b>	refers to subsections renumbered refers to subsections del: (1 <sup>st</sup> sent) "of an approved testing agency indicating compliance"	
301		607.3.2.3	Combination	<b>OK</b>	Change after "Table"	
302	607.3.3 607.3.3.1 607.3.3.2		Damper activation fire damper	<b>OK</b>	expanded fire, smoke, combination and ceiling radiation  items 1-4 are not new	
303	607.5 607.5.1.1 607.5.2 607.5.2.1		Dampers for smoke Duct and Air transfer Openings	<b>OK</b>	where required: delete "ceiling radiation dampers" add horizontal exits; add UL 263 & No. 26 gage Exc: kitchen and clothes dryer exhaust systems horizontal exits	
304	607.5.3	607.5.3	Fire partitions	<b>OK</b>	exc. 2 not new	
305	607.5.5  607.5.5.1 607.5.6 607.5.7		Shaft Enclosure  bottom exterior walls Smoke partitions	<b>OK</b>	exc. 1.2 add UL 263; exc. 2 chg thickness No. 26 gage exc. 5 new enclosure listed listed & exc.	
306	607.6.1		Through penetrations	<b>OK</b>	change code sections exc. 1; change No.26 gage exc. 2, 3 not new exc. 5 chg code section	
307	607.6.2.1		Ceiling radiation dampers	<b>OK</b>	add: as part of a fire-resistance-rated floor/ceiling assembly; add ASTM E 119 or UL 263; add with the details listed in the fire-resistance-rated assembly exc. 1: add UL 263; exc. 2 delete "are located within the cavity of a wall"	
308	701.1		Combustion Air Scope only deleted rest	<b>OK</b>	Specific: solid-fuel, oil-fired, combustion air delete: confined spaces & unconfined space & unusually tight construction	
309	801.2		Chimneys and Vents General	<b>OK</b>	exc: Commercial cooking appliances vented by a Type I hood installed in accordance with Section 507.	
310	801.18.4		Clearances chimneys & vents	<b>OK</b>	change exception	
311	801.18.4.1		fireblocking	<b>OK</b>	new title	

312	801.20		plastic vent joints	<b>OK</b>	delete pipe manufacturer, delete solvent cement ... & exception.	
313	918.6		Prohibited sources	<b>OK</b>	outdoor or return air for forced-air heating system prohibit in unconditioned attics, exception for kitchen prohibit in unconditioned crawl space	
314	new	1101.1	Locking access port caps	<b>OK</b>	refrigerant circuit access ports outdoors	
315	Table 1103.1		Refrig. Class. Amt. & OEL	<b>OK</b>	Table all new OEL new	
316	1104.2.2		Industrial Occupancies & Refrigerated rooms	<b>OK</b>	item 6: add "other than ammonia"	
317	new	1007.2 1007.2.1 1007.2.2	Piping location Piping in concrete floors Refrigerant penetrations	<b>OK</b>	cross open space: 7'3" above floor not in elevator, dumbwaiter or other shaft open to living quarters not penetrate floors, ceilings or roofs 5 exceptions from ASHRAE-15 also see MC 1101.6	
318	1201.2		hydronic piping	<b>OK</b>	and piping system components	
319	New		1201.3	<b>OK</b>	alternative: ASME B31.9	
320	Table 1202.4			<b>OK</b>	add ductile iron, PE-AI-PA, PP, PE-RT	
321	new		Push-Fit Joints	<b>OK</b>	mfg inst.	
322	1203.15.1		Heat-Fusion Joints	<b>OK</b>	ASTM D2657 & ASTM D3261	
323	1203.15.3		Slab-Type Insert Fittings	<b>OK</b>	ASTM F1924	
324	1203.16 1203.16.1 1203.16.2		Polypropylene (PP) Plastic	<b>OK</b>	NEW heat -fusion joints Mechanical & Compression Sleeve Joints	
325	1203.17 1203.17.1 1203.17.2		Raised temperature polyethylene (PE-RT) plastic tubing	<b>OK</b>	NEW compression joints PE-RT to metal connections	
326	1203.18 1203.18.1 1203.18.2		Polyethylene/aluminum/polyethylene (PE-AL-PE) Pressure pipe	<b>OK</b>	NEW Compression-type fittings PE-AL-PE to metal connections	
327	1203.19 1203.19.1 1203.19.2		Cross-linked Polyethylene/aluminum/crosslinked polyethylene (PEX-AL-PEX) pressure pipe	<b>OK</b>	NEW Compression-type fittings PEX-AL-PEX to metal connections	
328	Table 1202.5		Hydronic pipe fittings	<b>OK</b>	ductile iron and gray iron and standards ductile iron and standards	

					Plastic add std	
329	1203.8.2		Push-fit joints	<b>OK</b>	NEW: copper or copper-alloy tubing	
330	1203.15.1 1203.15.3		Heat-fusion joints Stab-type insert fittings	<b>OK</b>	NEW: PVC	
331	1203.10		Polybutylene plastic pipe & tubing	<b>OK</b>	NYS has removed this section code number "reserved"	
332	1203.15 1203.15.1 1203.15.3		Polybutylene plastic pipe & tubing / ground source heat pump loop systems	<b>OK</b>	Heat-fusion jts: added ASTM D 2657 & ASTM D 3261 Chg ref std to ASTM F 1924	
333	1203.16 1203.16.1 1203.16.2		Polypropelene (PP) plastic	<b>OK</b>	2 subsectuons heat fusion change Ref Std mechanical & compression sleeve joints	
334	1203.17 1203.17.1 1203.17.2		Raised Temp polyethylene (PE-RT) plastic tubing	<b>OK</b>	NEW compression-type fittings PE-RT-to-metal connections	
335	1203.18 1203.18.1 1203.18.2		PE-AL-PE pressure pipe	<b>OK</b>	NEW compression-type fittings PE-AL-PE to metal connections	
336	1203.19 1203.19.1 1203.19.2		Cross-linked PEX-AL-PEX pressure pipe	<b>OK</b>	NEW compression-tpye fittings PEX-AI-PEX to metal connections	
337	1204.1		Pipe insulation	<b>OK</b>	Add or UL 723 in 1 <sup>st</sup> sentence, before "using ...	
338	1206.1 1206.2		Pipe installation	<b>OK</b>	deleted exc. System drain down: added exc.	
339	1209.5		Embedded piping (Hydronic piping)	<b>OK</b>	NEW Thermal barrier required	
340	moved	Appendix A	Combustion air openings and Chimney Connector Pass-Throughs	<b>OK</b>	was figure 702.3 - suggest leaving in th text was figure 803.10.6: - suggest leave in text	
341	moved	Appendix B	permit fee schedule	<b>OK</b>	delete as in NYS	
342	Appendix C		structural safety	<b>OK</b>	insert	
				<b>OK</b>		
	<b>FUEL GAS</b>			<b>OK</b>		
343	202, def		Air, exhaust appliance appliance, fuel-fired appliance gas Barometric Draft Reg Gas Util. Equipment	<b>OK</b>	add "or appliance" new def delete delete change equipment to appliance delete	

344	202		bonding jumper draft	<b>OK</b>	new change equipment to appliance	
345	202		counter appliances equipment exterior masonry chimneys	<b>OK</b>	NEW	
346	202	delete	gas utilization equipment	<b>OK</b>		
347	202		labeled listed outlet piping system Regulator, gas appl. Regulator, line ...	<b>OK</b>	reworded reworded reworded "appliance" "appliance" "appliance"	
348	202		Room large in comparison	<b>OK</b>	NOT new	
349	202		appliance shutoff	<b>OK</b>	new	
350	302		Structural safety	<b>OK</b>	move NY text	
351	303.6		Outdoor locations	<b>OK</b>	"Appliances"	
352	304.4		Makeup air provisions	<b>OK</b>	reworded	
353	304.11(8)		combustion air	<b>OK</b>	adjoining "finished ground level"	
354	305.4		Public garage	<b>OK</b>	delete where motor vehicles "exceed six feet in height and" are capable of passing ...	
355	305.7		Clearances from grade	<b>OK</b>	reworded: material extending "not less than 3 inches " add at end: Such supports shall be installed ...	
356	305.9 305.10 305.11 305.12		Parking structures Repair garages Inst: aircraft hangers avoid strain / piping	<b>OK</b>	ALL NEW: NFPA 88A appliance separation NFPA 409 not exert undue strain on connections	
357	306.1		Access for maint. & replacement	<b>OK</b>	title change clearances to "Access" reworded & new "A level working space..."	
358	306.3		Appliances in attics	<b>OK</b>	change equipment to appliances	
359	306.3.1		Electrical req.	<b>OK</b>	"appliance location in accordance with NFPA 70."	
360	306.4		Appl. under floors	<b>OK</b>	delete remove largest "component of the" appliance delete 30 inches "where such dimensions are" add "and	
361	306.4.1		Electrical req.	<b>OK</b>	Chg: appliance location in accordance with NFPA 70.	
362	306.5		Equip & Appl/ roofs ...	<b>OK</b>	Add: "Where equipment requireing access and" ... Add at end: Where access involves ...	
363	Item 6			<b>OK</b>	add at end: Landing dimensions .. & A guardrail ...	

364	306.5.1		Sloped roofs	<b>OK</b>	Add: Where	
365	307.3		Drain pipe mat & size	<b>OK</b>	add after 2 <sup>nd</sup> sent: Joints and connections shall be ...	
366	309.2		Electric connect.	<b>OK</b>	Shall conform to NFPA 70.	
367	310		Electrical bonding	<b>Discussed OK</b>	substitute NYS	Update per current proposed rule making
368	401.1 401.5		Scope	<b>OK</b>	replace equipment with appliances	
369				<b>OK</b>		
371				<b>OK</b>		
372	402.1		Pipe sizing	<b>OK</b>	add: maximum demand "and supply gas to each..."	
373	402.5		allow press drop	<b>OK</b>	delete at end: at end: for proper appliance operation with replace with: required by the appliance	
374	402.6.1		Max design pressure LPG	<b>OK</b>	add items 5 & 6 replace & delete exception	
375	Tb 402.4(13) Tb 402.4(16) TB 402.4(17) TB 402.4(30) TB 402.4(32)		Corrugated stainless steel tubing ...	<b>OK</b>	NOT NEW	
376	TB 402.4(23) thru TB402.4(28) TB402.4(29) TB 402.4(33) thru (35)		Schedule 40 Metallic Pipe, etc	<b>OK</b>	Change SPECIAL USE to INTENDED USE  Add INTENDED USE line	
377	403.5.1		Steel tubing	<b>OK</b>	delete ASTM A 539	
378	403.6		Plastic pipe etc	<b>OK</b>	delete "to be used outdoors, underground, only,"	
379	403.10.2		Tubing joints	<b>OK</b>	add at end of 1 <sup>st</sup> line: "or made with press-connected fittings complying with ANSI LC-4."	
380	404.1 404.4		Prohibited locations Underground penetrat prohibited	<b>OK</b>	add: ducted supply, return or exhaust reworded	
381	404.5		Protect / physical damage	<b>OK</b>	chg 1.75 to 1 ½ , add: "Protective steel shields ... (No.16 gage)"	
382	404.5 405.5.1		CSST Shield Plates	<b>OK</b>	NYS: The movement of piping made of CSST ... NYS: incl ANSI LC-1	
383	404.6 404.6.1 404.6.2		Piping in solid floors one end outdoors two ends outdoors	<b>OK</b>	subdivided section	
384	404.8 404.9		Isolation protect / corrosion	<b>OK</b>	New text: same without ferrous metal sentence	

385	404.12 404.12.1 404.12.2		Piping under bldg one end outdoors two ends outdoors	<b>OK</b>	subdivided section	
386	404.15 404.15.1 404.15.2 404.15.3		plastic pipe	<b>OK</b>	NEW limitations connections tracer	
387				<b>OK</b>		
388	406.6.2		Before turning gas on	<b>OK</b>	"During the process of turning gas on into a system of new gas piping,"	
389	407.2		Design and installation	<b>OK</b>	NOT NEW	
390	408.4		Sediment trap	<b>Discussed OK</b>	as part of "appliance", a sediment trap equipment changed to appliance	
391	409.5 409.5.1 409.5.2 409.5.3 409.6		Appliance shutoff valve	<b>OK</b>	subdivided located in same room NEW vented decorative NOT NEW located at manifold NOT NEW shutoff valve for labs NEW	
392	410..3.1		Vent piping	<b>OK</b>	NEW: first and last sentence	
393	411.1		connecting appliances	<b>OK</b>	item 7 deleted, new item 7 is add /CSA 6.27	
394	411.1.1		Comm. Cooking appl	<b>OK</b>	add: Or in accordance with Item 1 Or 3 of Section 411.1	
395	411.1.3.1  Exc.		Max length	<b>OK</b>	New 1 <sup>st</sup> line: Connectors shall have an overall length not to exceed 6 feet. Length greater than 6 feet	
396	411.1.3.3		Prohibited locations	<b>OK</b>	NEW: exceptions 1, 2, 4	
397	411.1.5  411.1.6		Connect gas engine-powered air conditioners Unions	<b>OK</b>	NEW  NEW	
398	411.3		Suspended low-intensity infrared tube heaters	<b>OK</b>	NEW	
399	501.4		Min size/chimney or vent	<b>OK</b>	add Section 503	
400	501.8		Eqp. not required/vent	<b>OK</b>	NOT NEW	
401	501.15.4 Exc		Clearances	<b>OK</b>	ADD at end: Noncombustible firestopping or fire blocking reworded	
402	501.15.4.1		Fireblocking	<b>OK</b>	NEW	

403	502.7		Protect against physical damage	<b>OK</b>	change 1/16-inch thick to 1 ½ inch	
404	502.4		Insulation shield	<b>OK</b>	change 0.016 inch to 0.0187 - still No. 26 gage.	
405	502.7		Protection / physical damage	<b>OK</b>	chg 1/16th to 1 ½ inches ADD: from the nearest edge ... Add Protective steel shield plates ... 0.0575 (No. 16 gage)	
406	503.1 thru 503.3.2		Venting appliances	<b>OK</b>	NOT NEW	
407	503.3.3		Mech draft systems	<b>OK</b>	item 6 chg above grade to: above finished ground level	
408	503.3.4		Ventilating hoods & exhaust systems	<b>OK</b>	2nd sent: Add: appliances, "other than commercial cooking appliances"	
409	503.4.1.1		Plastic vent joints	<b>OK</b>	NEW	
410	503.5.5		Size of chimney	<b>OK</b>	NYS delete Item 5., ??? delete section 503.5.5.1, Incinerator venting	
411	503.5.6.1, exc		Chimney lining	<b>OK</b>	NEW: Where an existing chimney complies with Sections 503.5.6 through 503.5.6.3, and its sizing is in accordance with Section 503.5.5,	
412	503.7.7		Singlewall penetration of comb walls	<b>OK</b>	NEW	
413	503.8		Vent system termination location	<b>OK</b>	NOT NEW: items 2 & 3 Item 4 NEW last sentence	
414	503.10.2.3 Exc		Res type appliance connectors	<b>OK</b>	chg: according to the terms of their listing to: manufacture's installation instructions	
415	503.10.4		Two or more appliances connected to single vent	<b>OK</b>	NOT NEW	
416	503.10.4.1		Two or more openings	<b>OK</b>	NEW	
417	503.10.8 Exc		Slope	<b>OK</b>	add appliance and draft system before manufacturer's instructions	
418	503.10.9		Length of vent connector	<b>OK</b>	deleted last sentence	
419	503.10.15		Single-wall connector penn of comb wall	<b>OK</b>	deleted section	
420	503.16		Outside wall penn	<b>OK</b>	NEW	
421	504.2.3		Vent offsets	<b>OK</b>	New last line incl. Tbls 504.2(1) thru 504.2(5)	
422	Tables 504.2(3), (4)		Masonry Chimney	<b>OK</b>	Change: Max internal area of chimney	
423	504.2.9		Chimney and vent	<b>OK</b>	deleted last paragraph and exception	

			locations			
424	504.3.5		Common vertical vent offset	<b>OK</b>	add last sentence: Where multiple offsets occur	
425	504.3.9.1		Tee & wye fittings	<b>OK</b>	Add: common "gas" vent (2x) and "and"	
426				<b>OK</b>		
427	504.3.20		Chimney & vent location	<b>OK</b>	delete paragraph after item 5. And exception	
428	505.1.1		Commercial cooking vented by hood	<b>OK</b>	ADD: Second sentence: The method of interlock ...	
429	601.2 601.3		Fireplaces Flame Safeguard	<b>OK</b>	Delete Delete	
430	614.6		Domestic clothes dryer ducts	<b>OK</b>	ALL NEW	
431	614.8		Common exhaust / multistory	<b>OK</b>	ALL NEW	
432	616.1 616.2		Engine & Gas Turbine Powered	<b>OK</b>	Last sentence NEW NEW	
433	618.5		Prohibited sources	<b>OK</b>	item 6, new exception item 7, new	
434	620.5		Install /comm. Garage & aircraft hangers	<b>OK</b>	NEW	
435	621.5		Room/space volume	<b>OK</b>	NOT NEW	
436	623.7		Vert. Clear above cook top	<b>OK</b>	NEW	
437	627.1 Thru 627.7 627.10		Air-conditioning appl	<b>OK</b>	change equipment to "appliance"	
438	630.3 630.4		Infrared Radiant Heat	<b>OK</b>	NEW	
439	633		Stationary fuel-cell	<b>OK</b>	Add: the Building code and the Fire code	
440	704.1.2.3.5		Protect physical damage	<b>OK</b>	Delete: In concealed locations,	
441	Appendix C		Exit terminals	<b>OK</b>	NYS: Move figure to 503.8	
442	Appendix E		Structural Safety	<b>OK</b>	NYS	

**Proposed New York State Amendments to the 2009 and 2012 Plumbing, Mechanical and Fuel Gas Codes**

Item No.	2009 Sect.	2013 NYS Sect.	Title	Subcommittee Action	Proposal	Narrative
	<b>RESIDENTIAL</b>					
	<b>MECHANICAL</b>					
000	Definitions		Adhered stone Air barrier Air-impermeable insul Anchored stone or Aspect ratio Attic Attic, habitable alarm Braced wall line 3X Cap plate Cement plaster Core Escarpment EIFS 2x Fiber-cementt siding fireblocking fire-retard-wood Flame spread index High efficacy lamps hill labeled listed nat. durable wood nosing panel thickness precast con. Found. Wall ridge seismic design category smok-develop index spline stair stairway story above grade SIPs termite resist material townhouse vapor retarder class wood/plastic composite	<b>OK</b>	deleted: Balcony, exterior ball cock base flood base flood elevation confined space deck unconfined space unusually tight construction	
001		M1301.1.1	Flood-resistance	<b>OK</b>	Chg to: "in flood hazard areas"	
002		M1301.2	Identification	<b>OK</b>	NEW	
003		M1301.3	Installation	<b>OK</b>	NEW	
004		M1301.4	Plastic Pipe	<b>OK</b>	NEW	
005		M1301.5	Third-party testing	<b>Discussed Ok</b>	NEW	

006		M1303.1	Label info	OK	NEW item 4, renumber	
007	M1305.1.1		Furnaces & Air Hand	OK	New title, deleted "Central" added "and air handlers"	
008	M1035.1.2		Appliances in attics	OK	NOT NEW	
009	M1305.1.4		Appl under floors	OK	Reword last sentence	
010	M1305.1.4.1		Ground clearance	OK	Add "Equipment" and appliances; add "extending not less than 3 inches" and add next sentence	
011	TBL M1306.2		Red Clearances	OK	reworded text in 1 <sup>st</sup> column	
012		M1307.3	Elevation /ignition	OK	Exc. NEW	
013	M1307.6		Plumbing connect	OK	NEW	
014	M1308.1		Drilling & Notching	OK	New last line	
015	M1308.3		Found & supports	OK	Deleted	
016		M1401.2	Access	OK	Add: after appliance "and equipment" Exc: New	
017	M1401.3	M1401.3	Sizing	OK	expanded text, added ACCA Manual S Add: after appliance "and equipment" Add: "or other approved heating ... methodologies."	
018		M1404	Exterior installations	OK	Add: after appliance "and equipment" Add: "in accordance with ... M1305.1.4.1"	
019		M1405	Flood hazard	OK	Chg to "In flood hazard areas" as established	
020		M1405.1	Baseboard convect	OK	Add at end: "Electric baseboard ... with UL 1042.	
021		M1406.2	Radiant Heat Sys	OK	Add at end: "and shall be listed for the appliance."	
022		M1406.3	Installation /radiant	OK	Add exc. 2, renumber	
023		M1406.5	Gypsum panels	OK	delete, renumber	
024		M1407.1	Duct Heaters	OK	Chg to UL "1996."	
025		M1408.1	Vented floor furnace	OK	Add at beginning: "Oil-fired" vented	
026		M1409.1	Vented wall heater	OK	Add at beginning: "Oil-fired" vented	
027	M1410.1		Vented room heaters	OK	add "for oil-fired" and "for solid fuel-fired"	
028	M1411.3		Condensate disposal	OK	deleted "area outdoors"	
029	M1413.1 Item 1 item3		Auxiliary & Secondary	OK	4 <sup>th</sup> sent. Replace metallic with "galvanized sheet steel" change thickness to 0.0236-inch new 3 <sup>rd</sup> sent: The pan shall be equipped with ...	
030	M1411.3.1.1		Water-level monitor	OK	Add second sentence & reword 3 <sup>rd</sup> sentence	
031	M1411.3.2		Drain pipe materials	OK	Add 3 <sup>rd</sup> sentence, delete last sentence	
032	M1411.4		Appliances, equip	OK	NEW	

033	M1411.6		Protect against Locking access port	<b>OK</b>	deleted new title, new text	
034		M1501.1	Outdoor discharge	<b>OK</b>	Add after outdoors "in accordance ... M1506.2."	
035	M1502.1		Clothes dryer	<b>OK</b>	Changed to manufacturers. Instructions	
036	M105.2.2		Independent exhaust	<b>OK</b>	NEW	
037	M1502.3		Duct termination	<b>OK</b>	New in 3 <sup>rd</sup> sentence: "If the manufacturer's ... location,"	
038	M1502.4 thru M1502.5		Dryer exhaust ducts Protection	<b>OK</b>	ALL NEW	
039		M1502.4.1	Material & size	<b>OK</b>	slight change	
040		M1502.4.2	Duct insulation	<b>OK</b>	Mostly new	
041		M1502.4.4.1	Specified length	<b>OK</b>	Chg: 25 to "35" Add: last sentence	
042	Tbl 1502.4.4.1		Dryer duct length	<b>OK</b>	NEW (not marked)	
043		M1503.1	Range hoods	<b>OK</b>	Add after damper, " and shall be ... exhaust systems."	
044	M1504		Makeup air req.	<b>Discussed OK</b>	NEW	
045	M1505.1		Overhead Exhaust	<b>OK</b>	Add: hood, "having a minimum thickness of" Add 3 <sup>rd</sup> sent, broiler unit, "extend over... operation."	
046		M1506	Exhaust ducts	<b>OK</b>	change title	
047		M1506.2	Exhaust openings	<b>OK</b>		
048		M1507.3	Whole-house ventil	<b>Discussed OK</b>	NEW	
049		T M1507.3.3(1)	Cont Whole-house	<b>Discussed OK</b>	NEW	
050		M1601.1	Duct design	<b>OK</b>	Not new	
051		M1601.1.1	Above-ground duct	<b>OK</b>	Add to item 4: 2 <sup>nd</sup> line: "Metallic ... Flexible." Add item 7.5	
052	T M1601.1.1(2)	T M1601.1.1(2)	Gages of metal ducts	<b>OK</b>	expanded sizes Add "aluminum" right column Change aluminum thickness 0.0175 to 0.0145 2X	
053	M1601.2.1		Vibration isolators	<b>OK</b>	NEW renumber	
054	M1601.3	M1601.3	Duct insulation mat	<b>OK</b>	ADD: exception to item 1 Add 3 <sup>rd</sup> sent: "Spray polyurethane foam ..." Add: item 3.4 Item 2 - Add at end "Coverings ... labeled."	
055	M1601.4.1		Joints & seams	<b>OK</b>	add last line "closure systems ..." Add Exceptions 1 - 3	
056	M1601.4.2		Plastic duct joints	<b>OK</b>	NEW	

057	M1601.4.5		Duct insulation	<b>OK</b>	Add at end: "except wAdd after: here the insulation ... "	
058		M1601.4.9	Flood Hazard areas	<b>OK</b>	Chg: "in flood hazard areas" as established	
059	M1601.5 M1601.5.1 Exception	M1601.5.2	Under-floor plenums  Materials	<b>OK</b>	Delete last line. Add at end "Modification or repairs" Add at end: "Plumbing waste cleanouts ..." NEW add at end: "or UL 723."	
060	M1601.6		Indep. garage HVAC	<b>OK</b>	NEW	
061	M1602.2	M1602.2	Prohibited sources  Item 5 exc: 2.3	<b>OK</b>	Item 4: Add: boiler room & unconditioned attic Item 6: NEW ADD at end: or the combustion ... space."	
062	Chapter 17 M1701.1		Combustion air Scope Opening location	<b>Discussed</b> <b>OK</b>	Delete ALL, replace with Section M1701 General NEW NEW	
063		M1804.2.6	Mechanical draft system	<b>OK</b>	Add after: systems "shall comply with UL 378 and"	
064		M1901.1	Clearance	<b>OK</b>	Add at end: "The installation ... M1505.1."	
065		M1902.2	Installation	<b>OK</b>	Add at end: "Sauna heaters ... UL 875."	
066		M1903.1	Stat fuel cell power plant	<b>OK</b>	Add after shall "comply ... FC 1 and"	
067		M2001.1.1	Standards	<b>OK</b>	Add 3rd sent: "Solid-fuel-fired ... UL 2523."	
068		M2001.4	Flood-resistant install	<b>OK</b>	NEW	
069		M2005.1	Water heaters	<b>OK</b>	Add at end: "Thermal solar water heaters ..." "Solid-fuel-fired ..."	
070		Tbl M2101.1	Hydronic piping mat	<b>OK</b>	PEX: add standards; delete "plastic fittings PEX; add RE-RT	
071	M2101.2		System drain down.	<b>OK</b>	ADD: exception	
072	M2101.6		Drilling & notching	<b>OK</b>	Reworded. Add at end: "Structural insulated panels ..."	
073	M2103.2		Thermal barrier req	<b>OK</b>	NEW	
074	Tbl M2101.1		Hydronic pipe mat	<b>OK</b>	Add: NEW: PE-AL-PE & PE-RT	
075	M21044.3		PE-RT pipe	<b>OK</b>	NEW	
076	M2104.4		PE-AL-PE pipe	<b>OK</b>	NEW	
077		M2201.5	Oil gauges	<b>OK</b>	Add at end: "Liquid-level ... UL 180."	
078		M2106	Flood resistant install	<b>OK</b>	Chg at begin: "in flood hazard areas	
079	M2201.2		Above-ground tanks	<b>OK</b>	Add: NEW: exception	
080	M2202.3		Flexible connectors	<b>OK</b>	Delete: Flexible metallic hoses "...!" shall	
081		M2204.2	Shutoff valves	<b>OK</b>	Add at end: Valves shall ... UL 842."	
082		M2301.1	Thermal Solar Energy	<b>OK</b>	Add "thermal" 2x	

083		M2302	Photovoltaic solar	OK	NEW	
084				OK		
	<b>FUEL GAS</b>			OK		
085	G2401.1 Item 4		Application	OK	Change equipment to "appliance(s)" 2x Change equipment to "appliances"	
086	G2403		Definitions Air, Exhaust Appliance Barometric Draft Bonding Jumper Draft Equipment Exterior Masonry Gas utilization equip Regulator, gas appl Regulator, line gas Valve	OK	Add "equipment and" Delete "(EQUIPMENT)" Add "equipment and" NEW Change equipment to "appliance" Chg to "Apparatus and devices other than appliances" NEW Delete NEW NEW ADD: "Appliance shutoff"	
087		G2403	Appliance Combustible assembly Combustible material Excess flow valve Flashback arrestor chk Joint, mechanical Noncombustible matls Point of delivery Regulator, Service 3 <sup>rd</sup> Partycertific. Agency 3 <sup>rd</sup> Party certified 3 <sup>rd</sup> Party tested	OK	deleted "gas as" a fuel NEW NEW NEW NEW ADD, add: such as "a press joint, flanges... NEW add at end; "service pressure ... in the system." NEW NEW NEW NEW	
088		G2404.7	Flood hazard	OK	Add at end: "for utilities and attendant equipment."	
089	G2406.3		Outdoor locations	OK	Change equipment to "appliance(s)" 2x	
090	G2407.4		Make-up air provision	OK	Reworded	
091	G2407.12		Combustion air ducts	OK	Change: grade to "ground"	
092	G2408.4		Clearance grade	OK	ADD: material "extending not less than 3 inches ..." Add at end: Such supports shall be installed ..."	
093	G2408.6		Avoid strain on gas	OK	NEW	
094		G2409.1	Clearance reduction	OK	add after: materials, "including gypsum board," Add last sentence	
095		G2409.3.1 G2409.3.1	Appliances /lg room Appliance clearance	OK	Deleted NEW	
096		G2409.3.2 G2409.3.2	Appliances /not large Clearance reduction	OK	Deleted renumber del: installed in rooms larger Add at end "and such reduction ... mfg. instructions"	

097		G2409.3.4	Clearance /supply ducts	<b>OK</b>	NEW	
098		G2409.3.4.1 G2409.3.4.1	Appliances /lg room Appliance clearance	<b>OK</b>	Deleted NEW	
099		G2409.3.4.2 G2409.3.4.2	Appliances /not large Clearance	<b>OK</b>	Deleted renumber del: installed in rooms larger Add at end "and such reduction ... mfg. instructions"	
100	G2410.2		Connections	<b>OK</b>	Change equipment to "appliances" Chg: 42 to "43"	
101	G2411.1 G2411.1.1	G2411.1.1	Pipe & tubing CSST CSST	<b>Discussed</b> <b>OK</b>	Change equipment to "appliances" G2411.2: NYS text. NY text	
102	G2412.1		Scope	<b>OK</b>	Chg: Sections ... to "This section" Change equipment to "appliances"	
103		G2412.9	Identification	<b>OK</b>	NEW	
104		G2412.10	Third-party testing	<b>Discussed</b> <b>OK</b>	NEW	
105	G2413.1		Pipe sizing	<b>OK</b>	Chg: after and "supply gas to each appliance inlet... "	
106		G2413.2	Maximum gas demand	<b>OK</b>	Add after served "adjusted for altitude" Add at end:" volumetric flow rate."	
107	G2413.5		Allow pressure drop	<b>OK</b>	NOT NEW	
108	G2413.6.1		LPG systems	<b>OK</b>	Del at start till "LP-gas systems..."	
109	T G2413.4(5) T G2413.4(6)		CSST	<b>OK</b>	Not new not new	
110	T G2413.4 (12) - (15)		Sch 40 metal pipe	<b>OK</b>	add text at top with intended use	
111	T 2413.4 (16) & (18)		Corr. stainless steel	<b>OK</b>	NEW	
112	T 2413.4(17)		Corr. stainless steel	<b>OK</b>	Not NEW	
113	T G2413.4 (19) - (21)		Polyetehylene	<b>OK</b>	add text at top with intended use	
114	G2414.5.1		Steel tubing	<b>OK</b>	Del: ASTM A 539	
115	G2414.6	G2414.6	Plastic	<b>OK</b>	Del: after: fuel gas "shall to be used , ... only and" Add: polyethylene and 2009 edition Add: other than polyethylene and 2008 edition	
116	G2414.10.2		Tubing joints	<b>OK</b>	Add after (538 C) "or made with press-connect ... ANSI LC-4"	
117		G2415.1	Install materials	<b>OK</b>	NEW renumber	
118		G2415.2	CSST	<b>Discussed</b> <b>OK</b>	NEW Add NYS text	

119	G2415.1	Renumbered G2415.3	Prohibited locations	<b>OK</b>	Replace "circulating air duct" with "ducted supply, return or exhaust"	
120	G2415.4		Underground penet	<b>OK</b>	NEW title & text	
121	G2415.5		Protection /damage	<b>OK</b>	reworded Add NYS for CSST	
122	G2415.6		Piping /solid floors	<b>OK</b>	Chg after ABS pipe "in accordance with Section ..." Del: last sentence	
123	G2415.6.1		Conduit ... outdoors	<b>OK</b>	NEW	
124	G2415.6.2		Conduit ... indoors	<b>OK</b>	NEW	
125		G2417.1	Inspect, test, purge	<b>OK</b>	Add "visually" befroe inspected	
126	G2415.8		Isolation	<b>OK</b>	NEW, renumber	
127	G2415.9		Protect /corrosion	<b>OK</b>	DEL: "Ferrous metal ... code official."	
128	G2415.12 G2415.12.1 G2415.12.2		Piping under building	<b>OK</b>	NEW, renumber subdivided into .1 & .2	
129	G2415.15.1 Exc. 3		Limitations	<b>OK</b>	NOT NEW NEW	
130	G2415.15.2		Connections	<b>OK</b>	slight reword, ADD:"or ASTM F 1973."	
131		G2417.1.6	Pipe clearing	<b>OK</b>	NEW	
132	G2417.6.2		Turning on gas	<b>OK</b>	New title, del: "Before gas is introduced" Add" During the process of turning on"	
133		G2417.6.4	Placing appliances ..	<b>OK</b>	Add after leakage: "in accordance with" .... the piping has been purged " ... G2417.7 and ... checked for leakage".	
134		G2417.7.1	Piping / purge outdoors	<b>OK</b>	NEW renumber	
135		G2417.7.1.1	Removal / service	<b>OK</b>	renumbered	
136		T G2417.7.1.1	Size & length / piping	<b>OK</b>	NEW	
137		G2417.7.1.2	Placing / operation	<b>OK</b>	New text	
138		G2417.7.1.3 thru G2417.7.3	Outdoor discharge Purging appliances ...	<b>OK</b>	ALL new	
139	G2418.2		Design & installation	<b>OK</b>	Add" metal" 5x ADD: or building structural components" del:"or MSS SP69-02."	
140	G2419.4	G2419.4	Sediment trap	<b>Discussed OK</b>	Chg: Equipment" to "appliance" 3x Add after clothes dryer, "decorative ... gas fireplaces,"	
141	G2420.5 G2420.5.1 G2420.5.2		Appliance shut off	<b>OK</b>	Subdivided del and replace new new	

	G2420.5.3				new	
142	G2421.3.1		Vent piping	<b>OK</b>	NEW 1 <sup>st</sup> 2 sentences and last sentence	
143		G2421.4	Excess flow	<b>OK</b>	NEW	
144		G2421.5	Flashback arrestor	<b>Dissed scuOK</b>	NEW	Proposal to add to fire code
145	G2422.1.2.1		Max length	<b>OK</b>	Chg" 3 feet to 6 feet, EXC: NEW	
146	G2422.1.2.3		Prohibit locations	<b>OK</b>	ADD: exc. 1,2,4	
147	G2422.1.3		Conn /gas engine	<b>OK</b>	NEW	
148	G2422.1.4		Unions	<b>OK</b>	NEW, renumber	
149	G2422.2		Suspend low-inten	<b>OK</b>	NEW	
150	G2425.4		Min size chimney	<b>OK</b>	ADD at end: "and G2428."	
151	G2425.8		Appliances / not vent	<b>OK</b>	Title: was "Equipment" del: and equipment" after "appliances" 3x	
152	G2425.15.4		Clearances	<b>OK</b>	Mostly reworded and expanded	
153	G2426.4		Insulation shield	<b>OK</b>	ADD after: constructed of "steel ... (26 gage).	
154	G2426.7		Protect /damage	<b>OK</b>	Add 2 <sup>nd</sup> sent "Protective" steel... minimum thickness of ... (16 gage).	
155		G2427.1	Venting appliances	<b>OK</b>	New text	
156	G2427.3.3		Mechanical draft	<b>OK</b>	Chg: Above grade to "above finished ground level"	
157	G2427.4.1.1		Plastic vent joints	<b>OK</b>	NEW	
158	G2427.5.5.1 Exc		Chimney lining	<b>OK</b>	Chg: Chapter 10 to "NFPA 211." Reworded and expanded	
159	G2427.7		Single-wall penetrate	<b>OK</b>	NEW (renumber)	
160	G2427.8	G2427.8	Vent system terminate	<b>OK</b>	AD: exceptions 2, 3, & 4. Item 4. NEW last sentence: "drains for condensate ... "	
161	G2427.10.2.2		Vent connectors ...	<b>OK</b>	Chg exc: del: terms of listing, ADD: with manufacturer's installation instructions	
162		G2427.10.6	Flow resistance	<b>OK</b>	DELETED, renumber	
163	G2427.10.8		Slope	<b>OK</b>	Insert after with the "appliance and draft system" ...	
164	G2427.16		Outside wall penet	<b>OK</b>	NEW	
165	G2428.2.3		Vent offsets	<b>OK</b>	Add new sentence at end	
166	G2428.3.5		Common vertical	<b>OK</b>	Add new sentence at end	
167	G2428.3.9.1		Tee & wye fittings	<b>OK</b>	NOT NEW	
168		G2828.2.9	Chimney & vent location	<b>OK</b>	Add after 2 <sup>nd</sup> sent: "Where vents ..engineered."	

169		G2428.2.17	Height entries	OK	NEW	
170		G2428.3.16	Chimney/ vent locations	OK	Add after 2 <sup>nd</sup> sentence "Where vents ...engineered."	
171		G2428.3.24	Height entries	OK	NEW	
172	G2439.5		Domestic dryer exhaust	OK	ALL NEW	
173		G2442.4 G2442.4	Circulating air ducts Prohibited sources	OK	DELETED renumber Add after heating "and cooling" system(s)	
174	G2442.5	G2442.4	Prohibited sources item 5, exc 2.3	OK	Add item 3, 6 and 7 Add after 10 feet of "a draft hood ... " in the same room ...	
175	G2443.8		Furnace plenums	OK	NEW	
176	G2445.5		Room/space volume	Discussed OK	NEW, renumber	
177	G2447.5		Vertical clearance	OK	NEW	
178	G2449.1		Air conditioning	OK	replace equipment with "appliance"	
179	G2449.2		Independent piping	OK	replace equipment with "appliance" 2x	
180	G2449.4		Installation	OK	replace equipment with "appliance" 3x	
181		G2451.1	Infrared radiant heaters	OK	Add "or Z83.20 "	
182		G2454	Outdoor Decorative Appl	OK	NEW	
183				OK		
				OK		
	<b>PLUMBING</b>			OK		
184	P2503.6		Shower liner test	OK	NEW	
185		P2503.8.2	Testing	OK	text change	
186		P2601.2	Connection / drainage	OK	NEW: exception	
187		P2601.3	Flood hazard areas	OK	chg: "In flood hazard areas"	
188		P2602.2	Flood-resistant install	OK	chg: "In flood hazard areas" ...	
189	P2603.2		Drilling & notching	OK	Section #s changed; Add last line "SIPS."	
190	P2603.2.1		Protection	OK	Repl Protective shield plates with "Such shield plates ..."	
191	P2603.3	P2603.3	Breakage	OK	Add after shall allow for "movement including" ... Add after: through :concrete or cinder" walls	
192		P2603.4 P2603.4	Sleeves Pipes thru foundation	OK	Deleted renumber Change: Any to "a" Del after passes "under a footing or" through	
193		Tbl P2605.1	Products	OK	Add: PE-RT	

194		P2606.1	Penetrations	<b>OK</b>	NEW renumber	
195		P2609.4	Third-party certification	<b>Discussed OK</b>	New text	
196		P2702.1	Plumbing Fixtures	<b>OK</b>	NEW: Exception	
197	P2702..2		Waste fittings	<b>OK</b>	Add after A112.18.2 "/CSA B125.2"	
198	P2705.1	P2705.1	Installation	<b>OK</b>	item 5 add: "Water closets ... Bidets" 1 <sup>st</sup> sentence rewrite item 7: "In flood hazard areas" ... Item 8: Add: CSA B45.1 2x	
199		P2706.1	Waste receptors	<b>OK</b>	ADD to 4th sent: after bathrooms, "attic ... as a closet." Exc 2: NEW	
200	P2706.2.1		Laundry tray	<b>OK</b>	Change after 30 inches "above the trap weir..." to end	
201	Tbl P2701.1	Tbl P2701.1	Plumbing fixtures ...	<b>OK</b>	del: handheld showers Plumbing fixture fittings "/CSA B125.1" P F Waste fittings "CSA B125.2" Water closet flush tank fill valves: CSA B125.3 ADD or CHG: VARIOUS standards DEL: Home laundry equipment Household dishwashing machines	
202	P2706.3		Prohibited waste	<b>OK</b>	DEL: domestic or culinary purposes ADD: washing or bathing	
203	P2708.2		Water supply riser	<b>OK</b>	replace after "shower head outlet" to end.	
204		P2708.3	Shower control valves	<b>OK</b>	ADD: ASME A112.18.1/ before CSA ...	
205		P2708.4	Hand showers	<b>OK</b>	CHG to after: ASSE 1016 or: ASME A112,18,1/CSA B125.1	
206		P2709.1	Construction	<b>OK</b>	Add ad begin "Where" Add after nor more than ½ vertical "per 12 units horizontal .." and floor drains	
207	P2709.2	P2709.2	Lining requires	<b>OK</b>	Replaced Chg 3 inches to "2 inches" 2x	
208		P2709.2.1	PVC sheets	<b>OK</b>	DEL after shall " bed a minimum ... thick, and" shall meet	
209		P2709.2.4	Liquid-type, ...	<b>OK</b>	NEW	
210		P2711.1	Lavatory approval	<b>OK</b>	ADD: Ref. Stds., combine ASME ../CSA B ...	
211		P2712.1	Water closet approval	<b>OK</b>	ADD: Ref. Stds., combine ASME ../CSA B ...	
212		P2712.2	Flushing devices	<b>OK</b>	DEL: ASME A112.19.6, ADD after ASME A112.19.2: "/CSA B45.1"	
213		P2712.9	Electro-hydraulic	<b>OK</b>	Chg to: ASME A112.19.2/CSA B45.1>"	
214		P2713.1	Bathtub waste outlets	<b>OK</b>	Text expanded	
215		P2713.3	Bathtub & whirlpool	<b>OK</b>	ADD after ASME 1070 "or CSAA B125.3"	

216		P2721.2	Bidet water temp	OK	ADD after ASME 1070 "or CSAA B125.3"	
217		P2722.2	Hot water, exc	OK	Chg after A	
218		P2722.3	Hose-connected outlets	OK	ADD after: ASSE 1016: "or ASME A112.18/CSA B125.1."	
219		P2722.5	Water closet personal ...	OK	NEW	
220		P2724.1	Temp. actuated, ...	OK	NEW & renumber	
221	P2719.1		Floor drains	OK	Add last sentence	
222	P2720.1		Access to pump	OK	replace 304 mm with 305 & 609 with 610	
223	P2722.1		Fixture fitting	OK	CSA B125 with B125.1	
224	P2801.3	P2801.5	Water heater location	OK	Add after shall be "installed in accordance with Section M1305" and	
225	P2801.5	P280.1.5	Required pan	OK	add after or other pans "approved" fore such use slightly reworded	
226		P2801,6	Water heaters	OK	exc: NEW	
227	P2803.6.1		Req discharge pipe	OK	item 5 NEW text	
228	P2803.7		Vacuum relief valve	OK	NEW	
229	P2901.1		Potable water req	OK	3 <sup>rd</sup> sentence NEW NYS owner-occupied exception	
230		P2902.1	Protect water supply	OK	Add after 2 <sup>nd</sup> contamination : "except where approved ... water supply."	
231		P2902.2	Plumbing fixtures	OK	Add at end: /CSA B125.1	
232		P2902.3.4	Pressure vacuum break	OK	Chg: "spillproof" to Spill-resistant"	
233	T P2902.3	T P2902.3	Appl backflow prev Reduced pressure prin Spill-resistant	OK	ADD: CSA B125.3 ADD; 'assembly.'" at end Add reference standard CSA B64.1.3	
234		P2902.3.5	Reduced press principal	OK	Add "assemblies" 2x Add 2 <sup>nd</sup> line: detector "fire prevention backflow" prevention	
235	P2902.4.1		Fill valves	OK	CSA B125.3	
236		P2902.4.2	Deck-mounted and	OK	spill-"resistant" and "assemblies" shall reword last sentence	
237		P2902.5.3	Lawn Irrigation systems	OK	"Assembly" 3x & "valves"	
238		P2902.5.4 P2902.5.4.1	Connect auto fire sprink exc: Additives or non-potable	OK	"Fire proyection" 2x "backflow prevention" "assembly or a reduced ... assembly" "fire protection"	
239	P2902.6 P2902.6.1 - P2902.6.3		Location backflow	OK	NEW NEW	

240	T P2903.1		Req. capacity	<b>OK</b>	Add after bathtub "pressure-balanced or ..." Flow Pressure "20" "Shower, pressure-balanced..." flow 3 pressure 20 Water closet, flushometer pressure 20 Water closet, tank pressure 20	
241	P2903.5		Water hammer	<b>Discussed OK</b>	Del: 2 <sup>nd</sup> sentence	Proposal
242		T P2903.6(1)	Conversion ...	<b>OK</b>	Change "FLUSH" to "FLUSHOMETER"	
243	P2903.7		Size /water-service	<b>OK</b>	reworded, add Appendix P ???	
244		P2903.9.1	Service valve	<b>OK</b>	Last sentence curb or "lot line" in accordance	
245	P2903.9.5		Valves & outlets	<b>OK</b>	NEW	
246	P2904	P2904	fire sprinkler system	<b>OK</b>	NEW renumber "Design and installation" "Partial ... sprinkler system."	Addresses when sprinklers are installed, coordinate with Section R313
247		P2904.2.4.2	Obstructions / coverage	<b>OK</b>	"Additional" "Where the mfg instr permit lesser dist." NOT	
248		F P2904.2.4.2	Min distance/ sprinklers	<b>OK</b>	NEW NOT IN NYS	
249		P2904.3.1	Nonmetallic pipe/tube	<b>OK</b>	Add: "PE-RT"	
250	P2905.5.1		Under concrete slabs	<b>OK</b>	Delete renumber	
251	P2905.6		Fittings	<b>OK</b>	chg: respective to "applicable"	
252	T P2905.4	T P2905.4	Water service pipe	<b>OK</b>	PEX-AL-PEX Add ASTM F2262 no delete PE Add: CSA B137.1 Add: PE-RT	
253	T P2905.5	T P2905.5	Water distribution	<b>OK</b>	PEX add ASTM F876 PEX-AL-PEX add ASTM F 2262 no delete SS Type 316/316L missing Add: "PE-RT"	
254	T P2905.6	T P2905.6	Pipe fittings	<b>OK</b>	CPVC add: ASSE 1061, ASTM D 2846 Copper add: ASSE 1061 Insert fittings NEW No delete PVC add: CSA B137.3 PEX Add: CSA B137.5 Add: PE-RT	
255	P2905.11		Cross-linked	<b>OK</b>	NEW renumber	
256	(P2905.16)		Underground joints	<b>OK</b>	Delete renumber	
257	P2905.16		Above-ground joints	<b>OK</b>	NEW	
258	P2905.17.2		Plastic to other	<b>OK</b>	delete last line	
259		P2905.19	PE-RT	<b>OK</b>	NEW	
260		P2908.1 P2908.2	Drinking water treatment	<b>OK</b>	Add: "NSF 60 or CSA B483.1." Add: "or CSA B483.1"	

261		P3001.3	Flood-resistance	<b>OK</b>	CHhg at begininbg: "In flood hazard areas" ...	
262	P3002.3		Fittings	<b>OK</b>	Reworded	
263		P3002.3.1	Drainage	<b>OK</b>	Add at end: This section shall not ... fixture trap."	
264	P3003.1.1		Threaded joints	<b>OK</b>	NEW	
265	T P3002.1(1)		Above ground	<b>OK</b>	ABS new description & add: ASTM F 1488 Delete 5 "coextruded" replace PVC with 2	
266	T P3002.1(2)		Underground	<b>OK</b>	same as above	
267	T P3002.2		Building sewer pipe	<b>OK</b>	same as above	
268	T P3002.3		Pipe fittings	<b>OK</b>	same as above	
269	P3003.3.2 P3003.9.2 P3003.14.2		Solvent cementing	<b>OK</b>	add ASTM F402 NYS	
270		P3003.19	Joints between ...	<b>OK</b>	Add after flange "or a waste connector .... sealing gasket Add at end: "The waste connector ... instructions."	
271	P3005.2.6		Base of stacks	<b>OK</b>	reworded	
272	P3007		Sumps & ejectors	<b>OK</b>	Rewrite	
273		P3007.3.3	Discharge pipe & fittings	<b>OK</b>	Rewrite & expand	
274		P3007.3.5	Ejector connection	<b>OK</b>	Rewrite and expand	
275	P3008		Backwater valves	<b>OK</b>	Rewrite	
276		P3009	Gray water recycling	<b>OK</b>	Was Appendix O NYS?	
277		P3101.5	Flood resistance	<b>OK</b>	Chg to: "in flood hazard areas" ...	
278		P3103.4	Prohibited use	<b>OK</b>	Reword	
279		P3103.5	Location of vent terminal	<b>OK</b>	NO. All vent terminals through the roof	
280		P3103.6	Extension thru wall	<b>OK</b>	NO. All vent terminals through the roof	
281	P3108.1 - P3108.2.2		Wet Venting	<b>OK</b>	Rewrite	
282		P3111.2	Installation	<b>OK</b>	Chg drain to "waste	
283		P3111.3	Size	<b>OK</b>	Add last sent: "The horizontal ... shall be unlimited."	
284		P3113.4.1	Sewage pumps	<b>OK</b>	Chg to: "in the same manner" as	
285	P3111.11		Type of fixture	<b>OK</b>	deleted "drinking fountains"	
286	P3114.3		Where permitted	<b>OK</b>	Add: 2 <sup>nd</sup> sentence	
287	P3114.8		Prohibit installation	<b>OK</b>	NEW	

288	Figures P3108.1		Figures	<b>OK</b>	NOT THERE - APPENDIX N	
289	P3201.2		Trap seals	<b>OK</b>	NEW 3 <sup>rd</sup> sentence	
290	Chapter 33		Storm Drainage	<b>OK</b>	NEW	
291	Appendix C		Sanitary Drainage Pipe Fittings	<b>OK</b>	keep	
292	Appendix N		Structural safety	<b>OK</b>	Move appendix N venting methods to text after Chapter 31	