

Proposed Amendments (added text to the code is: <u>underlined</u> , deleted text to the code is: struck through)				
ITEM NUMBER	ARTICLE	SUMMARY	PROPONENT	ACTI ON
		PMG – Task Force		
IMC-2022-1	908.1	Revise section 908.1 ‘General’ to read as follows: A cooling tower used in conjunction with an air-conditioning appliance shall be installed in accordance with the manufacturer’s instructions. Factory-built cooling towers shall be listed in accordance with UL 1995 <u>or UL/CSA 60335-2-40</u> . The standards related to high efficiency cooling towers shall include without limitation the minimum standards prescribed by ASHRAE 90.1.	Robert Glass	D
IMC-2022-2	918.1	Revise section 918.1 ‘Forced-air furnaces’ to read as follows: Oil-fired furnaces shall be tested in accordance with UL 727. Electric furnaces shall be tested in accordance with UL 1995 <u>or UL/CSA 60335-2-40</u> . Solid fuel furnaces shall be tested in accordance with UL 391. Forced air furnaces shall be installed in accordance with the listings and the manufacturer’s instructions.	Robert Glass	D
IMC-2022-3	918.2	Revise section 918.2 ‘Heat pumps’ to read as follows: Electric heat pumps shall be tested in accordance with UL 1995 <u>or UL/CSA 60335-2-40</u> .	Robert Glass	D
IMC-2018-4	1101.2	Revise section 1101.2 ‘Factory-built equipment and appliances’ to read as follows: Listed and labeled self-contained, factory-built equipment and appliances shall be tested in accordance with UL 207, 412, 471, or 1995 <u>or UL/CSA 60335-2-40</u> . Such equipment and appliances are deemed to meet the design, manufacture and factory test requirements of this code if installed in accordance with their listing and the manufacturer’s instructions.	Robert Glass	D
IMC-2022-5	1101.6	Revise section 1101.6 ‘General’ to read as follows: Refrigeration systems shall comply with the requirements of this code and, except as modified by	Robert Glass	D

*Note: These amendments are “proposed only” and have not been adopted by the Department of Community Affairs.

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		this code, ASHRAE 15. Ammonia-refrigerating systems shall comply with this code and, except as modified by this code, ASHRAE 15, IIAR 2. <u>High probability systems utilizing A2L refrigerants shall comply with ASHRAE 15.</u>		
IMC-2022-6	Reference	<p>Revise Reference Standards to read as follows:</p> <p>ASHRAE 1791 Tullie Circle, NE Atlanta, GA 30329</p> <p>15— 2016 <u>2019</u> Safety Standards for Refrigeration Systems 1105.3, 1106.6, 1106.7 34— 2016 <u>2019</u> Designation and Safety Classification of Refrigerants 202, 1102.2.1, 1103.1</p> <p>CSA Group 8501 East Pleasant Valley Road Cleveland, OH</p> <p><u>44131-5516 CSA C22.2 No. 60335-2-40- 2019 Household And Similar Electric Appliances - Safety - Part 2-40: Particular Requirements for Electric Heat Pumps, AirConditioners and Dehumidifiers</u></p> <p><u>908.1, 918.1, 918.2, 1101.2</u></p> <p>UL LLC 333 Pfingsten Road Northbrook, IL</p> <p>60062-2096 1995— 2014 <u>2015</u></p> <p>Heating and Cooling Equipment – with revisions through July 2015</p> <p>908.1, 911.1, 918.1, 918.2, 1101.2</p> <p><u>60335-2-40-2019</u></p>	Robert Glass	D

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		Household And Similar Electric Appliances - Safety - Part 2-40: Particular Requirements for Electric Heat Pumps, AirConditioners and Dehumidifiers <u>908.1, 911.1, 918.1, 918.2, 1101.2</u>		
IFGC – 2022 - 7	403.6	Revise section ‘403.6 Plastic Pipe, tubing and fittings’ to read as follows: Polyethene plastic pipe, tubing and fittings used to supply fuel gas shall conform to ASTM D2513. Such pipe shall be marked “Gas” and “ASTM D2513”. Polyamide pipe, tubing and fittings used to supply fuel gas shall conform to ASTM F2945. Such pipe shall be marked “Gas” and “ASTM F2945”. <u>Crosslinked PEX-Aluminum-PEX (PEX-AL-PEX) composite pipe, tubing and fittings used to supply and or distribute fuel gas shall conform to ASTM F1281. Such pipe shall be marked “Gas” and “ASTM F1281”.</u> Polyvinyl chloride (PVC) and chlorinated polyvinyl chloride (CPVC) plastic pipe, tubing and fittings shall not be used to supply fuel gas.	William Chapin, Professional Code Consulting, LLC representing Ferguson Enterprises	D
IFGC – 2022 – 8	404.3	Add new section 404.3 ‘PEX-AL-PEX’ to read as follows: <u>404.3 PEX-AL-PEX</u> PEX-AL-PEX piping systems shall be installed in the accordance with the terms of their approval, the conditions of listing, the manufacturer’s instructions and this code.	William Chapin, Professional Code Consulting, LLC representing Ferguson Enterprises	D
IFGC – 2022 - 9		Add new item to section 404.5 ‘Fittings in concealed locations’ to read as follows: 404.5 Fittings in concealed locations. Fittings installed in concealed locations shall be limited to the following types: 1. Threaded elbows, tees, and couplings. 2. Brazed fittings. 3. Welded fittings. 4. Fittings listed to ANSI LC-1/CSA 6.26 or ANSI LC-4. <u>5. Fittings listed to be used with PEX-AL-PEX piping systems.</u>	William Chapin, Professional Code Consulting, LLC representing Ferguson Enterprises	D

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IFGC – 2022 - 10	404.17.1	<p>Add new exception to section 404.17.1 ‘Limitations’ to read as follows:</p> <p>404.17.1 Limitations. Plastic pipe shall be installed outdoors underground only. Plastic pipe shall not be used within or under any building or slab or be operated at pressures greater than 100 psig (689 kPa) for natural gas or 30 psig (207 kPa) for LP-gas.</p> <p>Exceptions: <u>PEX-AL-PEX composite piping systems when installed in accordance with section 403.6.</u></p>	William Chapin, Professional Code Consulting, LLC representing Ferguson Enterprises	D
IFGC – 2022 - 11	405.3	<p>Revise item 3 of section 405.3 ‘Plastic Pipe’ to read as follows:</p> <p>405.3 Plastic Pipe. Plastic pipe bends shall comply with the following: 3. The radius of the inner curve of such bends shall be not less than 25 times the inside diameter of the pipe <u>in accordance with the manufacturer’s instructions.</u></p>	William Chapin, Professional Code Consulting, LLC representing Ferguson Enterprises	D
IFGC – 2022 - 12	407.2	<p>Revise section 407.2 ‘Design and installation’ to read as follows:</p> <p>407.2 Design and installation. Piping shall be supported with metal pipe hooks, metal pipe straps, metal bands, metal brackets, metal hangers or building structural components, suitable for the size of piping, of adequate strength and quality, and located at intervals so as to prevent or damp out excessive vibration. Piping shall be anchored to prevent undue strains on connected appliances and shall not be supported by other piping. Pipe hangers and supports shall conform to the requirements of MSS SP-58 and shall be spaced in accordance with Section 415. Supports, hangers and anchors shall be installed so as to not interfere with the free expansion and contraction of piping between the anchors. The components of the supporting equipment shall be designed and installed so that they will not be disengaged by movement of the supported piping.</p>	William Chapin, Professional Code Consulting, LLC representing Ferguson Enterprises	D
IFGC – 2022 - 13	415.1	<p>Revise section 415.1 ‘Interval of support.’ to read as follows:</p> <p>415.1 Interval of support. Piping shall be supported and intervals not exceeding the spacing specified in Table 415.1. Spacing of supports for CSST and PEX-AL-PEX shall be in accordance</p>	William Chapin, Professional Code Consulting, LLC representing	D

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		with the <u>CSST</u> manufacturer’s instructions.	Ferguson Enterprises																																					
IFGC – 2022 - 14	Chapter 8 Reference Standards	Revise Reference Standards to read as follows: <u>ASTM F1281-17 Standard Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe</u>	William Chapin, Professional Code Consulting, LLC representing Ferguson Enterprises	D																																				
IFGC – 2022 - 15	409.2.1	Add new section 409.2.1 ‘System shutoff valve’ to read as follows: <u>409.2.1 System shutoff valve. Where the point of delivery is the outlet of the service meter assembly, or the outlet of the service regulator, a system shutoff valve shall be installed. Such valve is considered to be part of the customer piping system.</u>	Andrea L Papageorge	A																																				
IPC – 2022 - 16	405.3.2	Add new section 405.3.2.1 to read as follows: <u>405.3.2.1 New and replacement public lavatory fixtures shall be motion activated of the “Hands-free, or Touchless” type.</u>	Gail Bass, Joel Rodriguez	W																																				
IPC – 2022 - 17	506	Add Table 506 ‘Minimum First Hour Rating’ for Residential Water Heaters’ as follows: TABLE 506 MINIMUM FIRST HOUR RATING FOR RESIDENTIAL WATER HEATERS ^{1, 2, 3}	Ron Anderson	A																																				
		<table border="1"> <thead> <tr> <th>Number of Bathrooms</th> <th colspan="3">1 to 1.5</th> <th colspan="4">2 to 2.5</th> <th colspan="4">3 to 3.5</th> </tr> </thead> <tbody> <tr> <td>Number of Bedrooms</td> <td>1</td> <td>2</td> <td>3</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>First Hour Rating, in Gallons</td> <td>38</td> <td>49</td> <td>49</td> <td>49</td> <td>62</td> <td>62</td> <td>74</td> <td>62</td> <td>74</td> <td>74</td> <td>74</td> </tr> </tbody> </table>	Number of Bathrooms		1 to 1.5			2 to 2.5				3 to 3.5				Number of Bedrooms	1	2	3	2	3	4	5	3	4	5	6	First Hour Rating, in Gallons	38	49	49	49	62	62	74	62	74	74	74	
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		<p>FHR= First Hour Rating, 1 gal=3.7854 L, 1 gph=1.5 mL/s</p> <ol style="list-style-type: none"> 1. Tankless Water Heaters shall be sized and installed per manufacturer's recommendations 2. Water heaters for single family dwellings having more than six bedrooms and/or 3 1/2 baths shall be sized per manufacturer's recommendations. 3. Table 506 reflects the total minimum requirements for one or multiple water heating units. 		
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