

GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

CODE AMENDMENT FORM

ITEM NO: _____ (DCA USE ONLY) PAGE 1 OF 3

2018 International Mechanical Code
CODE: w/GA Amendments SECTION: 908

PROPONENT: Robert Glass DATE: 10/5/2020

EMAIL: Robert.Glass@goodmanmfg.com

ADDRESS: 12680 Lock 15 Road, Tuscaloosa, AL 35406

TELEPHONE NUMBER: (205)759-9638 FAX NUMBER: () -

CHECK Revise section to read as follows: Add new section to read as follows:

ONE: Delete section and substitute the following: Delete without substitution:

~~LINE THROUGH MATERIAL TO BE DELETED:~~ UNDERLINE MATERIAL TO BE ADDED

Approve Approve as amended (DCA STAFF ONLY) Disapprove Withdrawn

DESCRIPTION:

Section 908 Cooling Towers, Evaporative Condensers and Fluid Coolers

908.1 General

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 or UL/CSA 60335-2-40. The standards related to high efficiency cooling towers shall include without limitation the minimum standards prescribed by ASHRAE 90.1.

REASON/INTENT:

Many manufacturers will be transitioning away from UL 1995 to UL 60335-2-40 for most new products over the next few years, because UL 1995 will be obsoleted effective 1/1/2024 (see the attached notification from UL concerning this transition from UL 1995 to UL/CSA 60335-2-40). The newest 3rd edition of UL 60335-2-40, published November 2019, has many new requirements for electrical and refrigerant safety. The 3rd edition includes requirements for UV-C germicidal lamp systems, CO₂ systems, photovoltaic systems, new marking requirements, water ingress rating system as well as allowances for Low Global Warming Potential (Low GWP) Group A2L refrigerants. Certification laboratories will use the latest version of the UL 60335-2-40 safety standard for certification testing.

The 2020 Georgia State Minimum Standard One- and Two-Family Dwelling Code already includes equivalent references to UL/CSA 60335-2-40 for UL 1995 and this should be done in the Georgia State Minimum Standard Mechanical Code also.

FINANCIAL IMPACT OF PROPOSED AMENDMENT:

The code change proposal will not increase or decrease the cost of construction. As a result, there is no impact to cost.

GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

CODE AMENDMENT FORM INSTRUCTION SHEET

1. Do not complete the line entitled "Item No. _____".
2. Use a separate form for each proposed code amendment.
3. "Sheet ____ of ____" indicates the number of sheets for each individual proposed code amendment, not the number of sheets for all the amendments submitted.
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9. **A Statement of Financial Impact must accompany all proposed code amendments.** The statement should be clear and concise. Test reports, standards or other supporting information and documentation may be submitted with the proposed amendment and must be attached to the amendment form.
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Codes and Industrialized Buildings Section
60 Executive Park South, NE
Atlanta, Georgia 30329-2231

GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

CODE AMENDMENT FORM

ITEM NO: _____ (DCA USE ONLY) PAGE 1 OF 3

2018 International Mechanical Code
CODE: w/Ga Amendments SECTION: 918

PROPOSER: Robert Glass DATE: 10/5/2020

EMAIL: Robert.Glass@goodmanmfg.com

ADDRESS: 12680 Lock 15 Road, Tuscaloosa, AL 35406

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DESCRIPTION:

Section 918 Forced-Air Warm-Air Furnaces

918.1 Forced-air furnaces

Oil-fired furnaces shall be tested in accordance with UL 727. Electric furnaces shall be tested in accordance with UL 1995 or UL/CSA 60335-2-40. 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.

918.2 Heat pumps

Electric heat pumps shall be tested in accordance with UL 1995 or UL/CSA 60335-2-40.

REASON/INTENT:

Many manufacturers will be transitioning away from UL 1995 to UL 60335-2-40 for most new products over the next few years, because UL 1995 will be obsoleted effective 1/1/2024 (see the attached notification from UL concerning this transition from UL 1995 to UL/CSA 60335-2-40). The newest 3rd edition of UL 60335-2-40, published November 2019, has many new requirements for electrical and refrigerant safety. The 3rd edition includes requirements for UV-C germicidal lamp systems, CO₂ systems, photovoltaic systems, new marking requirements, water ingress rating system as well as allowances for Low Global Warming Potential (Low GWP) Group A2L refrigerants. Certification laboratories will use the latest version of the UL 60335-2-40 safety standard for certification testing.

The 2020 Georgia State Minimum Standard One- and Two-Family Dwelling Code already includes equivalent references to UL/CSA 60335-2-40 for UL 1995 and this should be done in the Georgia State Minimum Standard Mechanical Code also.

FINANCIAL IMPACT OF PROPOSED AMENDMENT:

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CODE AMENDMENT FORM

ITEM NO: _____ (DCA USE ONLY) PAGE 1 OF 3

2018 International Mechanical Code
CODE: w/GA Amendments SECTION: 1101

PROPOSER: Robert Glass DATE: 10/5/2020

EMAIL: Robert.Glass@goodmanmfg.com

ADDRESS: 12680 Lock 15 Road, Tuscaloosa, AL 35406

TELEPHONE NUMBER: (205)759-9638 FAX NUMBER: () -

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DESCRIPTION:

Section 1101 General

1101.2 Factory-built equipment and appliances

Listed and labeled self-contained, factory-built equipment and appliances shall be tested in accordance with UL 207, 412, 471, ~~or~~ 1995 or UL/CSA 60335-2-40. 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.

1101.6 General. Refrigeration systems shall comply with the requirements of this code and, except as modified by this code, ASHRAE 15. Ammonia-refrigerating systems shall comply with this code and, except as modified by this code, ASHRAE 15, IIAR 2. High probability systems utilizing A2L refrigerants shall comply with ASHRAE 15.

REASON/INTENT:

Many manufacturers will be transitioning away from UL 1995 to UL 60335-2-40 for most new products over the next few years, because UL 1995 will be obsoleted effective 1/1/2024 (see the attached notification from UL concerning this transition from UL 1995 to UL/CSA 60335-2-40). The newest 3rd edition of UL 60335-2-40, published November 2019, has many new requirements for electrical and refrigerant safety. The 3rd edition includes requirements for UV-C germicidal lamp systems, CO₂ systems, photovoltaic systems, new marking requirements, water ingress rating system as well as allowances for Low Global Warming Potential (Low GWP) Group A2L refrigerants. Certification laboratories will use the latest version of the UL 60335-2-40 safety standard for certification testing.

The 2020 Georgia State Minimum Standard One- and Two-Family Dwelling Code already includes equivalent references to UL/CSA 60335-2-40 for UL 1995 and this should be done in the Georgia State Minimum Standard Mechanical Code also.

ASHRAE 15-2019 incorporates ASHRAE 15-2016 and its Addenda covering such changes such as deferral to ANSI/IIAR2 for R-717 ammonia systems (Addendum a), an introduction of specific requirements for the use of Low GWP A2L refrigerants (Addenda d and h), alignment with Standard 34 (Addendum c), clarifications on requirements when changing the refrigerant (Addendum e), clarification and new detail of discharge line piping (Addendum f), as well as some minor clean-ups (Addendum b). It should be noted that the 2021 ICC International Mechanical Code references the 2019 edition of ASHRAE 15.

With the change to Low GWP Refrigerants, the Mechanical Code needs to be updated to address the use of Group A2L refrigerants in high probability (direct) systems. All of the commonly used Low GWP replacement refrigerants for direct systems fall into the category of Group A2L in the 2019 edition of ASHRAE 34. The safety requirements in ASHRAE 15 address the concerns regarding the use of a low flammable refrigerant. There are provisions for listing of equipment, installation of refrigerant detectors, and ventilation to mitigate any leak of refrigerant. By referencing ASHRAE 15 directly, the requirements become an enforceable part of the code. ASHRAE 15 requires an A2L appliance or equipment to be listed to UL/CSA 60335-2-40-2019.

The normal code cycle for Georgia will not be addressed again until 2025(using the 2024 ICC codes). Before that date, products using Low GWP, Group A2L refrigerants will need to be sold to meet market requirements. As such, this proposal needs to be addressed on an off-cycle basis to update the code to make allowance for Low GWP, A2L refrigerant products which will be used in the future.

FINANCIAL IMPACT OF PROPOSED AMENDMENT:

The code change proposal will not increase or decrease the cost of construction. As a result, there is no impact to cost.

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CODE AMENDMENT FORM

ITEM NO: _____ (DCA USE ONLY) PAGE 1 OF 4

2018 International Mechanical Code
CODE: w/GA Amendments SECTION: Chapter 15

PROPONENT: Robert Glass DATE: 10/5/2020

EMAIL: Robert.Glass@goodmanmfg.com

ADDRESS: 12680 Lock 15 Road, Tuscaloosa, AL 35406

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DESCRIPTION:

ASHRAE

ASHRAE
1791 Tullie Circle, NE
Atlanta, GA 30329
1105.3, 1106.6, 1106.7

15—~~2016~~ 2019 Safety Standards for
Refrigeration Systems

34—~~2016~~ 2019 Designation and Safety
Classification of Refrigerants 202, 1102.2.1, 1103.1

CSA

CSA Group
8501 East Pleasant Valley Road
Cleveland, OH 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, Air-
Conditioners and
Dehumidifiers 908.1, 918.1, 918.2, 1101.2

UL

UL LLC
333 Pfingsten Road
Northbrook, IL 60062-2096

1995— 2011 <u>2015</u>	Heating and Cooling Equipment —with revisions through July 2015	908.1, 911.1, 918.1, 918.2, 1101.2
<u>60335-2-40-2019</u>	<u>Household And Similar Electric Appliances - Safety - Part 2-40: Particular Requirements for Electric Heat Pumps, Air- Conditioners and Dehumidifiers</u>	<u>908.1, 918.1, 918.2, 1101.2</u>

REASON/INTENT:

Many manufacturers will be transitioning away from UL 1995 to UL 60335-2-40 for most new products over the next few years, because UL 1995 will be obsoleted effective 1/1/2024 (see the attached notification from UL concerning this transition from UL 1995 to UL/CSA 60335-2-40). The newest 3rd edition of UL 60335-2-40, published November 2019, has many new requirements for electrical and refrigerant safety. The 3rd edition includes requirements for UV-C germicidal lamp systems, CO₂ systems, photovoltaic systems, new marking requirements, water ingress rating system as well as allowances for Low Global Warming Potential (Low GWP) Group A2L refrigerants. Certification laboratories will use the latest version of the UL 60335-2-40 safety standard for certification testing.

The 2020 Georgia State Minimum Standard One- and Two-Family Dwelling Code already includes equivalent references to UL/CSA 60335-2-40 for UL 1995 and this should be done in the Georgia State Minimum Standard Mechanical Code also.

ASHRAE 34-2019 includes many new Low GWP refrigerants that do not appear in previous editions of the standard. ASHRAE 15-2019 incorporates ASHRAE 15-2016 and its Addenda covering such changes as deferral to ANSI/IIAR2 for R-717 ammonia systems (Addendum a), an introduction of specific requirements for the use of Low GWP A2L refrigerants (Addenda d and h), alignment with Standard 34 (Addendum c), clarifications on requirements when changing the refrigerant (Addendum e), clarification and new detail of discharge line piping (Addendum f), as well as some minor clean-ups (Addendum b). It should be noted that the 2021 ICC International Mechanical Code references the 2019 edition of ASHRAE 15 and ASHRAE 34.

With the change to Low GWP Refrigerants, the Mechanical Code needs to be updated to address the use of Group A2L refrigerants in high probability (direct) systems. All of the commonly used Low GWP replacement refrigerants for direct systems fall into the category of Group A2L in the 2019 edition of ASHRAE 34. The safety requirements in ASHRAE 15 address the concerns regarding the use of a low flammable refrigerant. There are provisions for listing of equipment, installation of refrigerant detectors, and ventilation to mitigate any leak of refrigerant. By referencing ASHRAE 15 directly, the requirements become an enforceable part of the code. ASHRAE 15 requires an A2L appliance or equipment to be listed to UL/CSA 60335-2-40-2019.

The normal code cycle for Georgia will not be addressed again until 2025 (using the 2024 ICC codes). Before that date, products using Low GWP, Group A2L refrigerants will need to be sold to meet market requirements. As such, this proposal needs to be addressed on an off-cycle basis to update the code to make allowance for Low GWP, A2L refrigerant products which will be used in the future.

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CODE AMENDMENT FORM

ITEM NO: _____ (DCA USE ONLY) PAGE 1 OF 1

CODE: Fuel Gas Code SECTION: 403.6

William Chapin, Professional Code

Consulting, LLC representing Ferguson

PROPOSER: Enterprises DATE: December 14, 2020

EMAIL: bill@profcc.us

ADDRESS: PO Box 1338 Cullman, AL 35056

TELEPHONE NUMBER: 256.339.0385 FAX NUMBER: 256.775.3605

CHECK Revise section to read as follows: Add new section to read as follows:

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Approve Approve as amended (DCA STAFF ONLY) Disapprove Withdrawn

DESCRIPTION:

403.6 Plastic pipe, tubing and fittings. Polyethylene 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".

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".

Polyvinyl chloride (PVC) and chlorinated polyvinyl chloride (CPVC) plastic pipe, tubing and fittings shall not be used to supply fuel gas.

REASON/INTENT:

PEX-AL-PEX has been used for gas distribution for over 15 years under numerous ISO, European, and Australian standards. ASTM F1281 was first published in the year 2000 and includes allowance for use with gases that are compatible with the pipe and fittings.

FINANCIAL IMPACT OF PROPOSED AMENDMENT:

This change will not increase the cost of construction.

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CODE AMENDMENT FORM

ITEM NO: _____ (DCA USE ONLY) PAGE 1 OF 1

CODE: Fuel Gas Code SECTION: 404.3

William Chapin, Professional Code
Consulting, LLC representing Ferguson

PROPONENT: Enterprises DATE: December 14, 2020

EMAIL: bill@profcc.us

ADDRESS: PO Box 1338 Cullman, AL 35056

TELEPHONE NUMBER: 256.339.0385 FAX NUMBER: 256.775.3605

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DESCRIPTION:

404.3 PEX-AL-PEX 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.

REASON/INTENT:

This language is to emphasize these systems must be listed per the code, installed in accordance with the manual and to provide language consistent with the CSST language in this section.

FINANCIAL IMPACT OF PROPOSED AMENDMENT:

This change will not increase the cost of construction.

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ITEM NO: _____ (DCA USE ONLY) PAGE 1 OF 1

CODE: Fuel Gas Code SECTION: 404.5

William Chapin, Professional Code
Consulting, LLC representing Ferguson

PROPONENT: Enterprises DATE: December 14, 2020

EMAIL: bill@profcc.us

ADDRESS: PO Box 1338 Cullman, AL 35056

TELEPHONE NUMBER: 256.339.0385 FAX NUMBER: 256.775.3605

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DESCRIPTION:

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.
5. Fittings listed to be used with PEX-AL-PEX piping systems.

REASON/INTENT:

Fittings for PEX-AL-PEX gas are typically proprietary and designed specifically for the pipe and provided as a system. ASTM F1281 provides for testing the fittings and pipe together as a system. This language prevents allowing an installer to inadvertently an alternate fitting.

FINANCIAL IMPACT OF PROPOSED AMENDMENT:

This change does not increase the cost of construction.

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60 Executive Park South, NE
Atlanta, Georgia 30329-2231

CODE AMENDMENT FORM

ITEM NO: _____ (DCA USE ONLY) PAGE 1 OF 1

CODE: Fuel Gas Code SECTION: 404.17.1

William Chapin, Professional Code

Consulting, LLC representing Ferguson

PROPOSER: Enterprises DATE: December 14, 2020

EMAIL: bill@profcc.us

ADDRESS: PO Box 1338 Cullman, AL 35056

TELEPHONE NUMBER: 256.339.0385 FAX NUMBER: 256.775.3605

CHECK Revise section to read as follows: Add new section to read as follows:

ONE: Delete section and substitute the following: Delete without substitution:

~~LINE THROUGH MATERIAL TO BE DELETED:~~ UNDERLINE MATERIAL TO BE ADDED

Approve Approve as amended (DCA STAFF ONLY) Disapprove Withdrawn

DESCRIPTION:

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.

Exceptions:

1. PEX-AL-PEX composite piping systems when installed in accordance with section 403.6.

REASON/INTENT:

Newer technologies have evolved since the original inclusion of plastic piping in the code, allowing for better materials to be used in more applications. PEX-AL-PEX and similar composite pipe systems have been used successfully and safely around the world for over 15 years.

FINANCIAL IMPACT OF PROPOSED AMENDMENT:

This change does not increase the cost of construction.

GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

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CODE AMENDMENT FORM

ITEM NO: _____ (DCA USE ONLY) PAGE 1 OF 1

CODE: Fuel Gas Code SECTION: 405.3

William Chapin, Professional Code
Consulting, LLC representing Ferguson

PROPONENT: Enterprises DATE: December 14, 2020

EMAIL: bill@profcc.us

ADDRESS: PO Box 1338 Cullman, AL 35056

TELEPHONE NUMBER: 256.339.0385 FAX NUMBER: 256.775.3605

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Approve Approve as amended (DCA STAFF ONLY) Disapprove Withdrawn

DESCRIPTION:

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~~ in accordance with the manufacturer's instructions.

REASON/INTENT:

The maximum bend radius is determined by the flexibility, wall thickness, and size of the pipe material. This bend radius is specified by the manufacturer and it is not needed to have an installer measure the actual inner diameter to calculate the bend radius required.

FINANCIAL IMPACT OF PROPOSED AMENDMENT:

This change does not increase the cost of construction.

GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

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CODE AMENDMENT FORM

ITEM NO: _____ (DCA USE ONLY) PAGE 1 OF 1

CODE: Fuel Gas Code SECTION: 407.2

William Chapin, Professional Code
Consulting, LLC representing Ferguson

PROPONENT: Enterprises DATE: December 14, 2020

EMAIL: bill@profcc.us

ADDRESS: PO Box 1338 Cullman, AL 35056

TELEPHONE NUMBER: 256.339.0385 FAX NUMBER: 256.775.3605

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DESCRIPTION:

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.

REASON/INTENT:

Metal can be abrasive to all piping materials and may cause damage over time with the free expansion and contraction of piping.

FINANCIAL IMPACT OF PROPOSED AMENDMENT:

This change does not increase the cost of construction.

GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

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CODE AMENDMENT FORM

ITEM NO: _____ (DCA USE ONLY) PAGE 1 OF 1

CODE: Fuel Gas Code SECTION: 415.1

William Chapin, Professional Code
Consulting, LLC representing Ferguson

PROPONENT: Enterprises DATE: December 14, 2020

EMAIL: bill@profcc.us

ADDRESS: PO Box 1338 Cullman, AL 35056

TELEPHONE NUMBER: 256.339.0385 FAX NUMBER: 256.775.3605

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Approve Approve as amended (DCA STAFF ONLY) Disapprove Withdrawn

DESCRIPTION:

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 with the ~~CSST~~ manufacturer's instructions.

REASON/INTENT:

Like CSST, PEX-AL-PEX is lighter, more flexible, and has specific requirements to allow for normal expansion and contraction. Therefore, the manufacturer should specify the spacing requirements based on their pipe design

FINANCIAL IMPACT OF PROPOSED AMENDMENT:

This change does not increase the cost of construction.

GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

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CODE AMENDMENT FORM

ITEM NO: _____ (DCA USE ONLY)

PAGE 1 OF 1

CODE: Fuel Gas Code

SECTION: Standards

William Chapin, Professional Code
Consulting, LLC representing Ferguson

PROPONENT: Enterprises

DATE: December 14, 2020

EMAIL: bill@profcc.us

ADDRESS: PO Box 1338 Cullman, AL 35056

TELEPHONE NUMBER: 256.339.0385

FAX NUMBER: 256.775.3605

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UNDERLINE MATERIAL TO BE ADDED

Approve

Approve as amended

(DCA STAFF ONLY)

Disapprove

Withdrawn

DESCRIPTION:

Reference Standards:

ASTM F1281-17 Standard Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe

REASON/INTENT:

Add the reference for the standard newly included in the code.

FINANCIAL IMPACT OF PROPOSED AMENDMENT:

This change does not increase the cost of construction.

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GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

CODE AMENDMENT FORM

ITEM NO: _____ (DCA USE ONLY) PAGE _____ OF _____

CODE: International Plumbing Code SECTION: 405.3.2

PROPOSER: Gail Bass, Joel Rodriguez DATE: 12/11/2020

EMAIL: Gail.Bass@gwinnettcountry.com, Joel.Rodriguez@gwinnettcountry.com

ADDRESS: 446 West Crogan St, suite 150, Lawrenceville, Ga 30046

TELEPHONE NUMBER: (678)518-6000 FAX NUMBER: () -

CHECK Revise section to read as follows: Add new section to read as follows:

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Approve Approve as amended (DCA STAFF ONLY) Disapprove Withdrawn

DESCRIPTION:

405.3.2.1 New and replacement public lavatory fixtures shall be motion activated of the "Hands-free, or Touchless" type.

REASON/INTENT:

This amendment provides guidance for reducing public contact with high touch surface areas like lavatory fixtures, and soap dispensers. These fixtures would also make public facilities more accessible, reduce waste, saving water and energy.

FINANCIAL IMPACT OF PROPOSED AMENDMENT:

Minimal, as common practice frequently provides this for public facilities reducing long term cost of ownership through improved hygiene, reduced waste, with improved water and energy savings.

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GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

CODE AMENDMENT FORM

ITEM NO: _____ (DCA USE ONLY) PAGE 1 OF 1
CODE: International Fuel Gas
Code SECTION: 409.2.1
PROPOSER: Andrea L Papageorge DATE: December 9, 2020
ADDRESS: 10 Peachtree Place, Location 1367, Atlanta, GA 30309
TELEPHONE NUMBER: (404)472-7390 FACSIMILE NUMBER: () -

CHECK Revise section to read as follows: Add new section to read as follows:
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Approve Approve as amended (DCA STAFF ONLY) Disapprove Withdrawn

DESCRIPTION:

Add a new section as follows:

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.

REASON/INTENT:

This proposal corrects an error that was made when the 2018 edition of the IFGC with Georgia amendments was adopted in Georgia. Said valve has been a requirement in Georgia for many years but was not brought forward as a part of the amendments to the 2018 IFGC even though the new definition was included. This provision was approved in the 2018 International Residential Code. This proposal would therefore correct the conflict that was accidentally created and add back into the code a provision that has been in effect since the 2000 edition of the code.

FINANCIAL IMPACT OF PROPOSED AMENDMENT:

Until the first of this year, the code change proposal would not increase or decrease the cost of construction as this valve was already required. The cost of the valve is around \$47.00.

GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

CODE AMENDMENT FORM

ITEM NO: _____ (DCA USE ONLY) PAGE _____ OF _____

CODE: International Plumbing Code SECTION: 405.3.2

PROPOSER: Gail Bass, Joel Rodriguez DATE: 12/11/2020

EMAIL: Gail.Bass@gwinnettcountry.com, Joel.Rodriguez@gwinnettcountry.com

ADDRESS: 446 West Crogan St, suite 150, Lawrenceville, Ga 30046

TELEPHONE NUMBER: (678)518-6000 FAX NUMBER: () -

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DESCRIPTION:

405.3.2.1 New and replacement public lavatory fixtures shall be motion activated of the "Hands-free, or Touchless" type.

REASON/INTENT:

This amendment provides guidance for reducing public contact with high touch surface areas like lavatory fixtures, and soap dispensers. These fixtures would also make public facilities more accessible, reduce waste, saving water and energy.

FINANCIAL IMPACT OF PROPOSED AMENDMENT:

Minimal, as common practice frequently provides this for public facilities reducing long term cost of ownership through improved hygiene, reduced waste, with improved water and energy savings.

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GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

CODE AMENDMENT FORM

ITEM NO: _____ (DCA USE ONLY) PAGE 1 OF 2

CODE: 2018 International Plumbing Code SECTION: 506

PROPONENT: Ron Anderson, GPTA Inc. DATE: December 10, 2020

EMAIL: randerson@gpta.net

ADDRESS: P O Box 555 Manchester Georgia 31816

TELEPHONE NUMBER: (770) 595-9887 FAX NUMBER: () -

CHECK Revise section to read as follows: Add new section to read as follows:
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DESCRIPTION:

Delete and replace:

Table 506 TABLE 506 MINIMUM CAPACITIES FOR RESIDENTIAL WATER HEATERS

- **Table Footnotes 1, 2 and 3 to remain unchanged.**

REASON/INTENT:

Current table is outdated and incorrect due to new federal requirements for determining First Hour Ratings (FHR) on water heaters Current table restricts the use of some smaller heates that all now allowed under new sizing requirements.

FINANCIAL IMPACT OF PROPOSED AMENDMENT:

This adoption of this amendment would reduce the cost of water heaters for certain homes and apartments.

GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

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11. The proponent will be notified when the proposed amendment will be considered by the State Codes Advisory Committee.
12. Information concerning submittal of code amendments, including deadline dates for submittal, can be obtained by contacting the Codes and Industrialized Buildings Section at (404) 679-3118. All proposed code amendments should be submitted to:

The Department of Community Affairs
Codes and Industrialized Buildings Section
60 Executive Park South, NE
Atlanta, Georgia 30329-2231