| **ITEM** | **SECTION** | **SUMMARY** | **PROPONENT** | **ACTION** |
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| **IFGC 2012-01** | **Chapter 1** | \*Delete Chapter 1 ‘Scope and Administration’ without substitution. Chapter 1 to remain in the Code as a *reference and* guide for local governments in development of their own *Administrative Procedures*.  (Effective January 1, 2014)  Motion: Andrea Papageorge to Carry Forward  2nd: Joel Rodriguez  Result: Unanimous by consent agenda | Task Force | **A**  **(CF)** |
| **IFGC**  **2012-02** | **202** | \*Delete the following Section 202 (IFGC) ‘Definitions’ without substitution:  ‘**[P] THIRD-PARTY CERTIFICATION AGENCY.’**  **‘[P] THIRD-PARTY CERTIFIED.’**  **‘[P] THIRD-PARTY TESTED.’**  Motion: Joel Rodriguez to Carry Forward  2nd: Paul Laney  Result: Unanimous by consent agenda | Task Force | **A**  **(CF)** |
| **IFGC**  **2012-03** | **300** | \*Add new Section 300 (IFGC) ‘GENERAL APPLICABILITY STANDARDS’ to read as follows:  **SECTION 300 (IFGC)**  **GENERAL APPLICABILITY STANDARDS**  **300.1 Scope.** This code shall apply to the installation of fuel-gas *piping* systems, fuel gas appliances, gaseous hydrogen systems and related accessories in accordance with Sections 300.1.1 through 300.1.5.  **Exception:** Detached one- and two-family dwellings and townhouses separated by a 2-hour fire-resistance-rated wall assembly, not more than three stories above *grade plane* in height with a separate means of egress and their accessory structures shall comply with the *Georgia State Minimum Standard one and Two Family Dwelling Code* (*International Residential Code for One- and Two- Family Dwellings with Georgia State Amendments*)  **300.1.1 Gaseous hydrogen systems.** Gaseous hydrogen systems shall be regulated by Chapter 7.  **300.1.2 Piping systems.** These regulations cover *piping* systems for natural gas with an operating pressure of 125 pounds per square inch gauge (psig) (862 kPa gauge) or less, and for LP-gas with an operating pressure of 20 psig (140 kPa gauge) or less, except as provided in Section 402.7. Coverage shall extend from the *point of delivery* to the outlet of the *appliance* shutoff valves. *Piping* system requirements shall include design, materials, components, fabrication, assembly, installation, testing, inspection, operation and maintenance.  **300.1.3 Gas appliances.** Requirements for gas appliances and related accessories shall include installation, combustion and ventilation air and venting and connections to *piping* systems.  **300.1.4 Systems, appliances and equipment outside the scope.** This code shall not apply to the following:   1. Portable LP-gas appliances and *equipment* of all types that is not connected to a fixed fuel *piping* system. 2. Installation of farm appliances and *equipment* such as brooders, dehydrators, dryers and irrigation *equipment*. 3. Raw material (feedstock) applications except for *piping* to special atmosphere generators. 4. Oxygen-fuel gas cutting and welding systems. 5. Industrial gas applications using gases such as acetylene and acetylenic compounds, hydrogen, ammonia, carbon monoxide, oxygen and nitrogen. 6. Petroleum refineries, pipeline compressor or pumping stations, loading terminals, compounding plants, refinery tank farms and natural gas processing plants. 7. Integrated chemical plants or portions of such plants where flammable or combustible liquids or gases are produced by, or used in, chemical reactions. 8. LP-gas installations at utility gas plants. 9. Liquefied natural gas (LNG) installations. 10. Fuel gas *piping* in power and atomic energy plants. 11. Proprietary items of *equipment*, apparatus or instruments such as gas-generating sets, compressors and calorimeters. 12. LP-gas *equipment* for vaporization, gas mixing and gas manufacturing. 13. Temporary LP-gas *piping* for buildings under construction or renovation that is not to become part of the permanent *piping* system. 14. Installation of LP-gas systems for railroad switch heating. 15. Installation of hydrogen gas, LP-gas and compressed natural gas (CNG) systems on vehicles. 16. Except as provided in Section 401.1.1, gas *piping*, meters, gas pressure regulators and other appurtenances used by the serving gas supplier in the distribution of gas, other than undiluted LP-gas. 17. Building design and construction, except as specified herein. 18. *Piping* systems for mixtures of gas and air within the flammable range with an operating pressure greater than 10 psig (69 kPa gauge). 19. Portable fuel cell appliances that are neither connected to a fixed *piping* system nor interconnected to a power grid.   **300.1.5 Other fuels.** The requirements for the design, installation, maintenance, *alteration* and inspection of mechanical systems operating with fuels other than fuel gas shall be regulated by the *International Mechanical Code*.  **300.2 Appendices.** Appendices are not enforceable unless they are specifically referenced in the body of the code or adopted by the Department of Community Affairs or the Authority Having Jurisdiction.  **300.3 Intent.** The purpose of this code is to provide minimum standards to safeguard life or limb, health, property and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of fuel gas systems.  **300.4 Severability.** If a section, subsection, sentence, clause or phrase of this code is, for any reason, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this code.  (Effective January 1, 2014)  Motion: Joel Rodriguez to carry forward as revised  2nd: Andrea Papageorge  Result: Unanimous by consent agenda | Task Force | **R**  **(CF)** |
| **IFGC**  **2012-04** | **[B] 301.11** | \*Delete Section [B] 301.11 ‘Flood Hazard’ entirely without substitution.  (Effective January 1, 2014)  Motion: Andrea Papageorge to not carry forward  2nd:Paul Laney  Result: Unanimous by consent agenda | Task Force | **D**  **(Do not CF)** |
| **IFGC**  **2012-05** | **[M] 307.3** | \*Revise [M] 307.3 ‘Drain pipe materials and sizes’ to add a new exception to read as follows:  **Exception:** If an approved condensate pump is used, the condensate line must be sized according to the manufacturer’s instructions.  (Effective January 1, 2014)  Motion: Joel Rodriguez to not carry forward  2nd: Paul Laney  Result: Unanimous by consent agenda | Task Force | **D**  **(Do not CF)** |
| **IFGC**  **2012-06** | **310.1.1** | \*Delete Section 310.1.1 ‘CSST’ and substitute to read as follows:  **310.1.1 Bonding Corrugated Stainless Steel Tubing (CSST).** Corrugated stainless steel tubing shall be directly bonded to the electrical grounding system. The direct bonding connection shall be made with American Wire Gauge (AWG) number 6 copper wire. The copper wire shall be attached to either the CSST fitting or to a segment of rigid piping component connected to a fitting located near the electrical meter using an approved bonding clamp in accordance with the CSST manufacturer’s installation instructions. The bonding conductor shall be affixed to either the grounding conductor or electrode using an approved clamp or other approved means of attachment.  **Exception:** CSST which has been tested and shown to be resistant to damage from lightning energy shall be bonded in accordance with the National Electrical Code NFPA 70 and the CSST manufacturer’s installation instructions.  (Effective January 1, 2014)  Motion: Andrea Papageorge to not carry forward  2nd: Joel Rodriguez  Result: Unanimous by consent agenda | Task Force | D  (do not cf) |
| **IFGC**  **2012-07** | **401.9** | \*Revise Section 401.9 ‘Identification’ to read as follows:  **401.9 Identification.** Each length of pipe and tubing utilized in a fuel gas system shall bear the identification of the manufacturer. If not provided on the packaging or crating or by other approved documentation, each pipe fitting, utilized in a fuel gas system, shall bear the identification of the manufacturer.  (Effective January 1, 2014)  Motion: Andrea Papageorge to not carry forward  2nd: Joel Rodriguez  Result: Unanimous by consent agenda | Task Force | **D**  **(Do not CF)** |
| **IFGC**  **2012-08** | **401.10** | \*Delete Section 401.10 ‘Third-party testing and certification’ and substitute to read as follows.  **401.10 Application.** All piping, tubing and fittings shall comply with the applicable referenced standards, specifications and performance criteria of this code and shall be identified in accordance with Section 401.9.  (Effective January 1, 2014)  Motion: Andrea Papageorge to not carry forward  2nd: Joel Rodriguez  Result: Unanimous by consent agenda | Task Force | **D**  **(Do not CF)** |
| **IFGC**  **2012-09** | **404.6** | \*Delete Section 404.6 ‘Underground penetrations prohibited’ and substitute to read as follows:  **404.6 Piping through foundation wall.** Underground piping where installed below grade through the foundation or basement wall of a building, shall be encased in a protective pipe sleeve. The annular space between the gas piping and the sleeve shall be sealed.  (Effective January 1, 2014)  Motion: Andrea Papageorge to carry forward  2nd: Joel Rodriguez  Result: Unanimous by consent agenda | Task Force | **A**  **(CF)** |
| **IFGC**  **2012-10** | **404.11** | \*Revise Section 404.11 (G2415.11) ‘Protection against corrosion’ to read as follows:  **404.11 Protection against corrosion.** Metallic *pipe or tubing* exposed to corrosive action, such as soil condition or moisture, shall be protected in an *approved* manner. Where dissimilar metals are joined underground, an insulating coupling or fitting shall be used. *Piping* shall not be laid in contact with cinders.  (Effective January 1, 2014)  **~~404.11.1 Galvanizing.~~** ~~Zinc coating shall not be deemed adequate protection for underground gas piping~~  Motion: Andrea Papageorge to not carry forward Georgia amendment and to delete Section 404.11.1 ‘Galvanizing’ from the 2018 IFGC and renumber subsequent sections  2nd: Paul Laney  Result: Unanimous by consent agenda | Task Force | **D**  **(Do not CF)** |
| **IFGC**  **2012-11** | **406.6.2** | \*Revise Section 406.6.2 ‘Before turning gas on’ heading to read as follows:  **406.6.2 Turning gas on.** (Remainder of section unchanged)  (Effective January 1, 2014)  Motion: Andrea Papageorge to carry forward  2nd: Paul Laney  Result: Unanimous by consent agenda | Task Force | **A**  **(CF)** |
| **IFGC**  **2012-12** | **409.2.1** | \*Add new Section 409.2.1 ‘Point of delivery service valve’ to read as follows:  **409.2.1 Point of delivery service valve.** Where the point of delivery is the outlet of the service meter assembly or the outlet of the service regulator, a service shutoff valve shall be installed. Such valve is considered to be part of the customer piping system. (Effective January 1, 2014)  Motion: Andrea Papageorge to carry forward  2nd: Paul Laney  Result: Unanimous by consent agenda | Task Force | **A**  **(CF)** |
| **IFGC**  **2012-13** | **409.5.4** | \*Add new Section 409.5.4 ‘Appliance valves’ to read as follows:  **409.5.4 Appliance valves.** Shutoff valves located behind appliances such as range/ovens and clothes dryers shall be considered accessible. (Effective January 1, 2014)  Motion: Andrea Papageorge to not carry forward  2nd: Jerry Wainright  Result: Unanimous by consent agenda | Task Force | **D**  **(Do not CF)** |
| **IFGC**  **2012-14** | **623.2** | \*Reinstate Section 623.2 ‘Prohibited location’ to read as originally written in the 2012 IFGC code and add a new exception to read as follows:  **623.2 Prohibited location.** Cooking appliances designed, tested, *listed* and *labeled* for use in commercial occupancies shall not be installed within *dwelling units* or within any area where domestic cooking operations occur.  **Exception:** *Listed* and *labeled* commercial cooking appliances may be installed in dwelling units and domestic kitchens when designed and accepted by a Georgia licensed Professional Engineer.  (Effective January 1, 2015)  Motion: Andrea Papageorge to not carry forward  2nd: Joel Rodriguez  Result: Unanimous by consent agenda | Task Force | **D**  **(Do not CF)** |
| **IFGC**  **2012-15** | **623.3** | \*Reinstate Section 623.3 ‘Domestic appliances’ to read as originally written in the 2012 IFGC code as follows:  **623.3 Domestic appliances.** Cooking appliances installed within *dwelling units* and within areas where domestic cooking operations occur shall be *listed* and *labeled* as household-type appliances for domestic use.  (Effective January 1, 2015)  Motion: Andrea Papageorge to not carry forward  2nd: Joel Rodriguez  Result: Unanimous by consent agenda | Task Force | **D**  **(Do not CF)** |
| **IFGC**  **2012-16** | **624.3** | \*Add new Section 624.3 ‘Boilers/water heaters’ to read as follows:  **624.3 Boilers/water heaters.** The State’s minimum requirements for boilers/water heaters and pressure vessels over 200,000 BTU/h (58.61 kW), 210 degrees Fahrenheit or 120 gallons capacity shall be established by O.C.G.A. Title 25, Chapter 15 and the Rules and Regulations as amended and adopted of the Georgia Safety Fire Commissioner.  (Effective January 1, 2014)  Motion: Andrea Papageorge to carry forward as revised  2nd: Jerry Wainright  Result: Unanimous by consent agenda | Ben Crawford,  GA SFM | **R**  **(CF)** |
| **IFGC**  **2012-17** | **631.4** | \*Add new Section 631.4 ‘Additional regulations’ to read as follows:  **631.4 Additional regulations.** For additional regulations regarding boilers/water heaters, see Section 624.3 (GA Amendments). (Effective January 1, 2014)  Motion: Andrea Papageorge to carry forward  2nd: Paul Laney  Result: Unanimous by consent agenda | Task Force | **A**  **(CF)** |
| **IFGC**  **2018-18** | **Chapter 8 Referenced Standards** | \*Revise reference standard  **LC 1/CSA 6.26---20~~13~~18: Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST)**  403.5.5  Motion: Andrea Papageorge to Approve as submitted  2nd: Joel Rodriguez  Result: Unanimous by consent agenda | Jonathan Sargeant, Omega Flex | **A** |
| **IFGC 2018-19** | **503.4.1** | \*Delete Sections 503.4.1 ‘Plastic Piping’, 503.4.1.1 ‘Plastic Vent Joints’, and 503.4.2 ‘Special Gas Vent’ and substitute to read as follows:  **503.4.1 Plastic Piping.** Where plastic piping is used to vent an appliance, the appliance shall be listed for use with such venting materials and the appliance manufacturers’ installation instructions shall identify the specific plastic piping material. The plastic pipe venting system shall be listed and labeled in accordance with ANSI/UL 1738, Venting Systems for Gas Burning Appliances, Categories II, III, and IV.  **503.4.2 Plastic Vent Joints.** Plastic pipe and fittings used to vent appliances shall be installed with the appliance manufacturers’ installations instructions. Plastic pipe venting materials listed and labeled in accordance ANSI/UL 1738, Venting Systems for Gas Burning Appliances, Categories II, III, and IV shall be installed in accordance with the vent manufacturer’s instructions. Where primer is required, it shall be of a contrasting color.  **503.4.3 Special Gas Vents.** Special gas vents shall be listed and labelled in accordance ANSI/UL 1738, Venting Systems for Gas Burning Appliances, Categories II, III, and IV and installed in accordance with the special gas vent manufacturers’ installation instructions.  Motion: Paul Laney to disapprove  2nd: Joel Rodriguez  Result: Unanimous by consent agenda | Larry Gill,  IPEX | **D** |
| **IFGC 2018-20** | **101.2** | \*Add new section 101.2.3 ‘Personnel training’ to read as follows:  **101.2.3 Personnel Training.** Personnel performing installation, operation, and maintenance work shall be properly trained in such functions, and the training shall be documented.  Motion: Andrea Papageorge to disapprove  2nd: Joel Rodriguez  Result: Unanimous by consent agenda | Larry Gill,  IPEX | **D** |
| **IFGC 2018-21** | **404.7.1** | \*Revise Section 404.7.1 ‘Piping through holes or notches’ to read as follows:  **404.7.1 Piping through bored holes or notches.** Where piping is installed through holes or notches in framing members and the piping is located less than 11/2 inches (38 mm) from the framing member face to which wall, ceiling or floor membranes will be attached, the pipe shall be protected by shield plates that cover the width of the pipe and the framing member ~~and that extend not less than 4 inches (102 mm) to each side of the framing member.~~ Where the framing member that the piping passes through is a bottom plate, bottom track, top plate or top track, the shield plates shall cover the framing member and extend not less than 4 inches (102 mm) above the bottom framing member and not less than 4 inches (102 mm) below the top framing member.  Motion: Joel Rodriguez to approve  2nd: Paul Laney  Result: Unanimous by consent agenda | Windell Peters,  Task Force Chairman | **A** |
| **IFGC 2018-22** | **404.7.2** | \*Delete Section 404.7.2 ‘Piping installed in other location’ in its entirety without substitution  Motion: Joel Rodriguez to approve  2nd: Jerry Wainright  Result: Passed 4 to 1 (Andrea Papageorge neigh) | Windell Peters,  Task Force Chairman | **A** |
| **IFGC 2018-23** | **404.18** | \*Revise Section 404.18 ‘Pipe cleaning debris removal’ to read as follows:  **404.18 Pipe ~~cleaning~~ debris removal.** The interior of piping shall be clear of debris. The use of a flammable or combustible gas to clean or remove debris from a piping system shall be prohibited.  Motion: Andrea Papageorge to approve  2nd: Joel Rodriguez  Result: Unanimous by consent agenda | Windell Peters,  Task Force Chairman | **A** |
| **IFGC 2018-24** | **412** | \*Delete Section 412 ‘Liquefied Petroleum Gas Motor Vehicle Fuel-Dispensing Facilities’ and substitute to read as follows:  **412.1 General**. Under Georgia law, the Rules and Regulations of the Georgia Safety Fire Commissioner’s Office govern the storage, delivery and dispensing of Liquefied Petroleum Gas. Refer to the Rules and Regulations of the Georgia Safety Fire Commissioner’s Office and NFPA 58 as adopted and amended for all requirements concerning liquefied petroleum gas motor vehicle fuel-dispensing facilities.  Motion: Andrea Papageorge to approve  2nd: Joel Rodriguez  Result: Unanimous by consent agenda | Windell Peters,  Task Force Chairman | **A** |
| **IFGC 2018-25** | **413** | \*Delete Section 413 ‘Compressed Natural Gas Motor Vehicle Fuel-Dispensing Facilities’ and substitute to read as follows:  **413.1 General.** Under Georgia law, the Rules and Regulations of the Georgia Safety Fire Commissioner govern the storage, delivery and dispensing of compressed natural gas. Refer to the Rules and Regulations of the Georgia Safety Fire Commissioner and NFPA 52 as adopted and amended for all requirements concerning compressed natural gas motor vehicle fuel-dispensing stations  Motion: Andrea Papageorge to approve  2nd: Brannen Butts  Result: unanimous by consent agenda | Windell Peters,  Task Force Chairman | **A** |
| **IFGC 2018-26** | **202** | \*Revise Section 202 ‘Definitions’ **POINT OF DELIVERY** as follows:  **POINT OF DELIVERY.** For natural gas systems, the point of delivery is the outlet of the service meter assembly or the outlet of the service regulator or service shutoff valve where a meter is not provided. Where a system shutoff valve is provided at the outlet of the service meter assembly, such valve shall be considered to be downstream of the point of delivery. For undiluted liquefied petroleum gas systems, the point of delivery shall be considered to be the outlet of the service pressure regulator, exclusive of line gas regulators, in the system.  Motion: Andrea Papageorge to Approve  2nd: Brannen Butts  Result: Unanimous by consent agenda | Andrea Papageorge,  Task Force Member | **A** |
| **IFGC 2018-27** | **202** | \*Revise Section 202 ‘Definitions’ to add new definition **SERVICE METER ASSEMBLY** as follows:  **SERVICE METER ASSEMBLY.** The meter, valve, regulator, piping, fittings, and equipment installed by the service gas supplier before the point of delivery.  Motion: Andrea Papageorge to approve  2nd: Brannen Butts  Result: Unanimous by consent agenda | Andrea Papageorge,  Task Force Member | **A** |
| **IFGC 2018-28** | **202** | \*Revise Section 202 ‘Definitions’ to add new definition **System Shutoff** to the **VALVE**  sections as follows:  **System Shutoff.** A valve installed at the point of delivery to shut off the entire piping system.  Motion: Andrea Papageorge to approve  2nd: Brannen Butts  Result: Unanimous by consent agenda | Andrea Papageorge,  Task Force Member | **A** |
|  |  | **End of Report.** |  |  |