

Note: Proposed Amendments (added text to the code is: underlined, deleted text to the code is: ~~struck through~~)

ITEM	SECTION	SUMMARY	PROPONENT	ACTION
IFGC-2024-01	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 to use in development of their own <i>Administrative Procedures</i> .	2020 Amendments	CF
IFGC-2024-02	202	*Delete the following definitions from Section 202 ‘General Definitions’ without substitution:  <del>[P] THIRD-PARTY CERTIFICATION AGENCY.</del> <del>[P] THIRD-PARTY CERTIFIED.</del> <del>[P] THIRD-PARTY TESTED.</del>	2020 Amendments	CF
IFGC-2024-03	300	*Add new Section 300 (IFGC) ‘GENERAL APPLICABILITY STANDARDS’ to read as follows:  <u><b>SECTION 300 (IFGC)</b></u> <u><b>GENERAL APPLICABILITY STANDARDS</b></u>  <u><b>300.1 Scope.</b></u> This code shall apply to the installation of fuel-gas <i>piping</i> systems, fuel gas appliances, gaseous hydrogen systems and related accessories in accordance with Sections 300.1.1 through 300.1.5. <u><b>Exception:</b></u> Detached one- and two-family dwellings and townhouses separated by a 2-hour fire-resistance-rated wall assembly, not more than three stories above <i>grade plane</i> in height with a separate means of egress and their accessory structures shall comply with the <i>Georgia State Minimum Standard One and Two Family Dwelling Code (International Residential Code for One- and Two- Family Dwellings with Georgia State Amendments)</i>  <u><b>300.1.1 Gaseous hydrogen systems.</b></u> Gaseous hydrogen systems shall be regulated by Chapter 7.  <u><b>300.1.2 Piping systems.</b></u> These regulations cover <i>piping</i> 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	2020 Amendments	R

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ITEM	SECTION	SUMMARY	PROPONENT	ACTION
		<p><u>an operating pressure of 20 psig (140 kPa gauge) or less, except as provided in Section 402.7. Coverage shall extend from the <i>point of delivery</i> to the outlet of the <i>appliance</i> shutoff valves. <i>Piping</i> system requirements shall include design, materials, components, fabrication, assembly, installation, testing, inspection, operation and maintenance.</u></p> <p><b>300.1.3 Gas appliances.</b> <u>Requirements for gas appliances and related accessories shall include installation, combustion and ventilation air and venting and connections to <i>piping</i> systems.</u></p> <p><b>300.1.4 Systems, appliances and equipment outside the scope.</b> <u>This code shall not apply to the following:</u></p> <ol style="list-style-type: none"> <li><u>1. Portable LP-gas appliances and <i>equipment</i> of all types that is not connected to a fixed fuel <i>piping</i> system.</u></li> <li><u>2. Installation of farm appliances and <i>equipment</i> such as brooders, dehydrators, dryers and irrigation <i>equipment</i>.</u></li> <li><u>3. Raw material (feedstock) applications except for <i>piping</i> to special atmosphere generators.</u></li> <li><u>4. Oxygen-fuel gas cutting and welding systems.</u></li> <li><u>5. Industrial gas applications using gases such as acetylene and acetylenic compounds, hydrogen, ammonia, carbon monoxide, oxygen and nitrogen.</u></li> <li><u>6. Petroleum refineries, pipeline compressor or pumping stations, loading terminals, compounding plants, refinery tank farms and natural gas processing plants.</u></li> <li><u>7. Integrated chemical plants or portions of such plants where flammable or combustible liquids or gases are produced by, or used in, chemical reactions.</u></li> <li><u>8. LP-gas installations at utility gas plants.</u></li> <li><u>9. Liquefied natural gas (LNG) installations.</u></li> <li><u>10. Fuel gas <i>piping</i> in power and atomic energy plants.</u></li> <li><u>11. Proprietary items of <i>equipment</i>, apparatus or instruments such as gas-generating sets, compressors and calorimeters.</u></li> <li><u>12. LP-gas <i>equipment</i> for vaporization, gas mixing and gas manufacturing.</u></li> <li><u>13. Temporary LP-gas <i>piping</i> for buildings under construction or renovation that is not to become part of the permanent <i>piping</i> system.</u></li> <li><u>14. Installation of LP-gas systems for railroad switch heating.</u></li> <li><u>15. Installation of hydrogen gas, LP-gas and compressed natural gas (CNG) systems on vehicles.</u></li> </ol>		

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ITEM	SECTION	SUMMARY	PROPONENT	ACTION
		<p><u>16. Except as provided in Section 401.1.1, gas <i>piping</i>, meters, gas pressure regulators and other appurtenances used by the serving gas supplier in the distribution of gas, other than undiluted LP-gas.</u></p> <p><u>17. Building design and construction, except as specified herein.</u></p> <p><u>18. <i>Piping</i> systems for mixtures of gas and air within the flammable range with an operating pressure greater than 10 psig (69 kPa gauge).</u></p> <p><u>19. Portable fuel cell appliances that are neither connected to a fixed <i>piping</i> system nor interconnected to a power grid.</u></p> <p><b><u>300.1.5 Other fuels.</u></b> The requirements for the design, installation, maintenance, <i>alteration</i> and <i>inspection</i> of mechanical systems operating with fuels other than fuel gas shall be regulated by the <i>International Mechanical Code</i>.</p> <p><b><u>300.2 Appendices.</u></b> 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.</p> <p><b><u>300.3 Purpose.</u></b> The purpose of this code is to establish minimum requirements to provide a reasonable level of safety, health, property protection and general welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of <i>fuel gas equipment</i> or systems.</p> <p><b><u>300.4 Severability.</u></b> 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.</p>		

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ITEM	SECTION	SUMMARY	PROPONENT	ACTION
IFGC-2024-04	404.6	<p>*Delete Section 404.6 ‘Underground penetrations prohibited’ and substitute to read as follows:</p> <p><b><u>404.6 Piping through foundation wall.</u></b> <u>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.</u></p>	2020 Amendments	CF
IFGC-2024-05	404.7.1	<p>*Revise Section 404.7.1 ‘Piping through holes or notches’ to read as follows:</p> <p><b>404.7.1 Piping through holes or notches.</b> Where <i>piping</i> is installed through holes or notches in framing members and the <i>piping</i> is located less than 1 1/2 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 <del>and that extend not less than 4 inches (102 mm) to each side of the framing member.</del> Where the framing member that the <i>piping</i> 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.</p>	2020 Amendments	CF
IFGC-2024-06	404.7.2	<p>*Delete Section 404.7.2 ‘Piping installed in other locations’ without substitution.</p> <p><b><del>404.7.2 Piping installed in other locations.</del></b> <del>Where the <i>piping</i> is located within a framing member and is less than 1 1/2 inches (38 mm) from the framing member face to which wall, ceiling or floor membranes will be attached, the <i>piping</i> shall be protected by shield plates that cover the width and length of the <i>piping</i>. Where the <i>piping</i> is located outside of a framing member and is located less than 1 1/2 inches (38 mm) from the nearest edge of the face of the framing member to which the membrane will be attached, the <i>piping</i> shall be protected by shield plates that cover the width and length of the <i>piping</i>.</del></p>	2020 Amendments	CF

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ITEM	SECTION	SUMMARY	PROPONENT	ACTION
IFGC-2024-07	404.11.1	*Delete Section 404.11.1 ‘Galvanizing’ without substitution.  <del>404.11.1 Galvanizing. Zinc coating shall not be deemed adequate protection for underground gas piping.</del>	2020 Amendments	CF
IFGC-2024-08	404.15	*Revise Section 404.15 ‘Outlet closures’ to read as follows:  <b>404.15 (G2415.15) Outlet closures.</b> Gas <i>outlets</i> that do not connect to <i>appliances</i> shall be capped gas tight <u>and protected from physical damage.</u> <b>Exception:</b> <i>Listed and labeled</i> flush-mounted-type quick-disconnect devices and <i>listed and labeled</i> gas convenience outlets shall be installed in accordance with the manufacturer’s instructions.	Windell Peters	A
IFGC-2024-09	409.1.3	*Revise Section 409.1.3 ‘Access to shutoff valves’ to read as follows:  <b>409.1.3 (G2420.1.3) Access to shutoff valves.</b> Shutoff valves shall be located in places <del>so as</del> to provide access for operation and shall be installed so as to be protected from damage <u>and accidental operation.</u>	Windell Peters	A
IFGC-2024-10	409.2.1	*Add new Section 409.2.1 ‘System shutoff valve’ to read as follows:  <b>409.2.1 System shutoff valve.</b> Where the point of delivery is the outlet of the service meter <u>assembly, or the outlet of the service regulator, a system shutoff valve shall be installed in accordance with the following:</u> <u>1. The system shutoff valve shall be installed downstream in the piping as close as practical to the point of delivery.</u> <u>2. The system shutoff valve shall not be located indoors.</u> <u>3. The system shutoff valve shall be installed in a location with ready access.</u>	2022 Amendments	R

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		4. Where a system shutoff valve is provided after the outlet of the service meter assembly, such valve shall be considered to be downstream of the point of delivery. <u>Such valve is considered to be part of the customer piping system.</u>		
IFGC-2024-11	409.5.4	*Add new Section 409.5.4 ‘Appliance valves’ to read as follows:  <b><u>409.5.4 (G2420.5.4) Appliance valves.</u></b> Shutoff valves located behind appliances such as range/ovens and clothes dryers shall be considered accessible and shall be protected from physical damage and accidental operation. Valves located behind clothes dryers shall be at least 15 inches above finish floor, recessed in the wall or protected with a physical barrier.	Windell Peters	A
IFGC-2024-12	412	*Delete Section 412 ‘LIQUIFIED PETROLEUM GAS MOTOR VEHICLE FUEL-DISPENSING FACILITIES’ and substitute to read as follows:  <b><u>412.1 General.</u></b> 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.	2020 Amendments	CF
IFGC-2024-13	413	*Delete Section 413 ‘COMPRESSED NATURAL GAS MOTOR VEHICLE FUEL-DISPENSING FACILITIES’ and substitute to read as follows:  <b><u>413.1 General.</u></b> 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	2020 Amendments	CF

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		<u>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.</u>		
IFGC-2024-14	624.3	*Add new Section 624.3 ‘Boilers/water heaters’ to read as follows:  <b>624.3 Boilers/water heaters.</b> <u>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.</u>	2020 Amendments	CF
IFGC-2024-15	631.4	*Add new Section 631.4 ‘Additional regulations’ to read as follows:  <b>631.4 Additional regulations.</b> <u>For additional regulations regarding boilers/water heaters, see Section 624.3 (GA Amendments).</u>	2020 Amendments	CF

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