Fuel Gas

2012 IFGC, 2012 IRC & 2012 VRC

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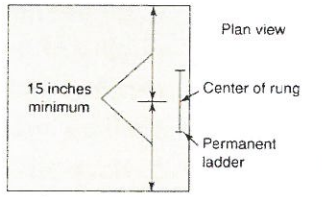
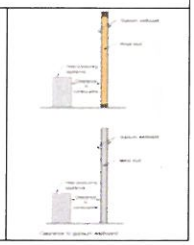
FUEL GAS
2012 IFGC & 2012 VCC

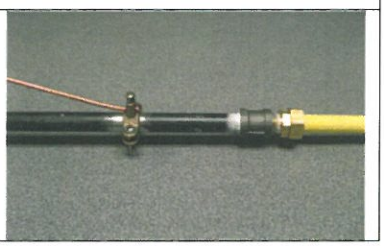
❑	**Chapter 2 Definitions (IFGC & IRC)** • Excessive Flow Valve • Flashback Arrestor Check Valve • Point of Delivery • Regulator, Service Pressure • Third-Party Certification Agency • Third-Party Certified • Third-Party Tested

❑	**301.11 Flood Hazard** • Refers to IBC 1612 for location and installation of systems/equipment in buildings in flood hazard areas	

❑	**306.5 Equipment and Appliances on Roofs or Elevated Structures** • Added exception #8 Landing required. • Added exception #10 Access to ladders shall be provided at all times.	

❑	**308.1/G2409.1 Scope** • Gypsum board is considered to be a combustible material regardless of the studs (metal or wood) the board is fastened to	

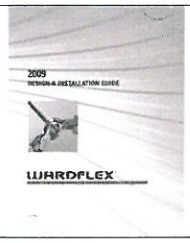
❑	**308.3.4/G2409.3.4 Clearance From Supply Ducts** • Supply air ducts connecting to listed central heating furnaces shall have the same minimum clearance to combustibles as required for the furnace supply plenum for a distance of not less than 3 feet (914 mm) from the supply plenum. Clearance is not required beyond the 3-foot (914 mm) distance.

❑	**310.1.1/G2411.1.1 CSST** • This change clarifies where the bonding jumper is to connect to the CSST	

❑	**401.9/G2412.9 Identification** • Each length of pipe and tubing and each pipe fitting, utilized in a fuel gas system, shall bear the identification of the manufacturer.	

❑	**401.10/G2412.10 Third-Party Testing and Certification** • All piping, tubing and fittings shall comply with the applicable referenced standards, specs and performance criteria of this code.

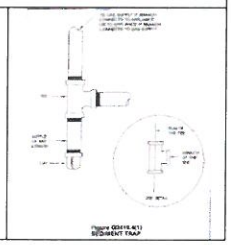
❑	**404.1/G2415.1 Installation of Materials** • All materials shall be installed in accordance with the standards under which they were accepted and approved. In the absence of such procedures, the manufacturer's installation instructions shall be followed.

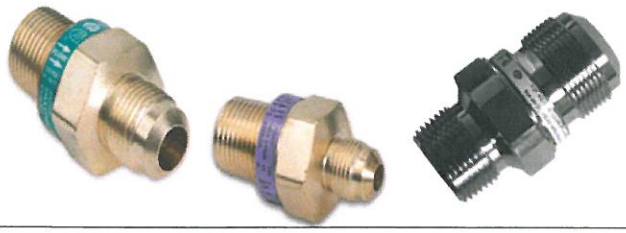
❑	**404.2/G2415.2 CSST** • CSST piping systems shall be installed per the terms of their approval, listing conditions, manufacturer's installation instructions and this code.	

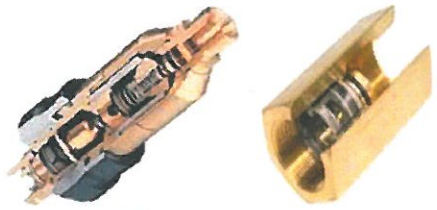
❑	**404.18/G2415.18 Prohibited Devices** • A 2nd exception has been added allowing a fitting or device where the system has been sized to accommodate the pressure drop.

❑	**406.1.6/G2417.1.6 Pipe Clearing** • New section added requiring the clearing of all foreign material prior to testing.

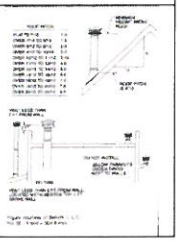
❑	**406.7/G2417.7 Purging** • The purging of piping shall be in accordance with Sections 406.7.1 through 406.7.3 of the IFGC. • The purging of piping shall be in accordance with Sections G2417.7 through G2417.7.3 of the IRC.

❑	**408.4/G2419.4 Sediment Trap** • Text remains the same, however due to misunderstandings as to the construction of a sediment trap, an illustration has been added. 

❑	**410.4/G2421.4 Excess Flow Valves** 

❑	**410.5/G2421.5 Flashback Arrestor Check Valve**
	• Fuel gas systems that are used with oxygen are now required to have a combination flashback arrestor and backflow check valve on both the fuel gas supply and oxygen supply lines. 

❑	**503.2.5 Incinerators**
	• Commercial-industrial type incinerators shall be vented in accordance with NFPA 82-09

❑	**504.2.9/G2428.2.9**
	• Adds an additional requirement for a B Vent that exceeds the required height by 5 feet or more above the roof per figures 503.6.4 and G2427.6.3 

❑	**636 Outdoor Decorative Appliances**
	• Permanently fixed-in-place outdoor decorative appliances must be tested to ANSI Z21.97 and be installed per manufacturer's instructions.