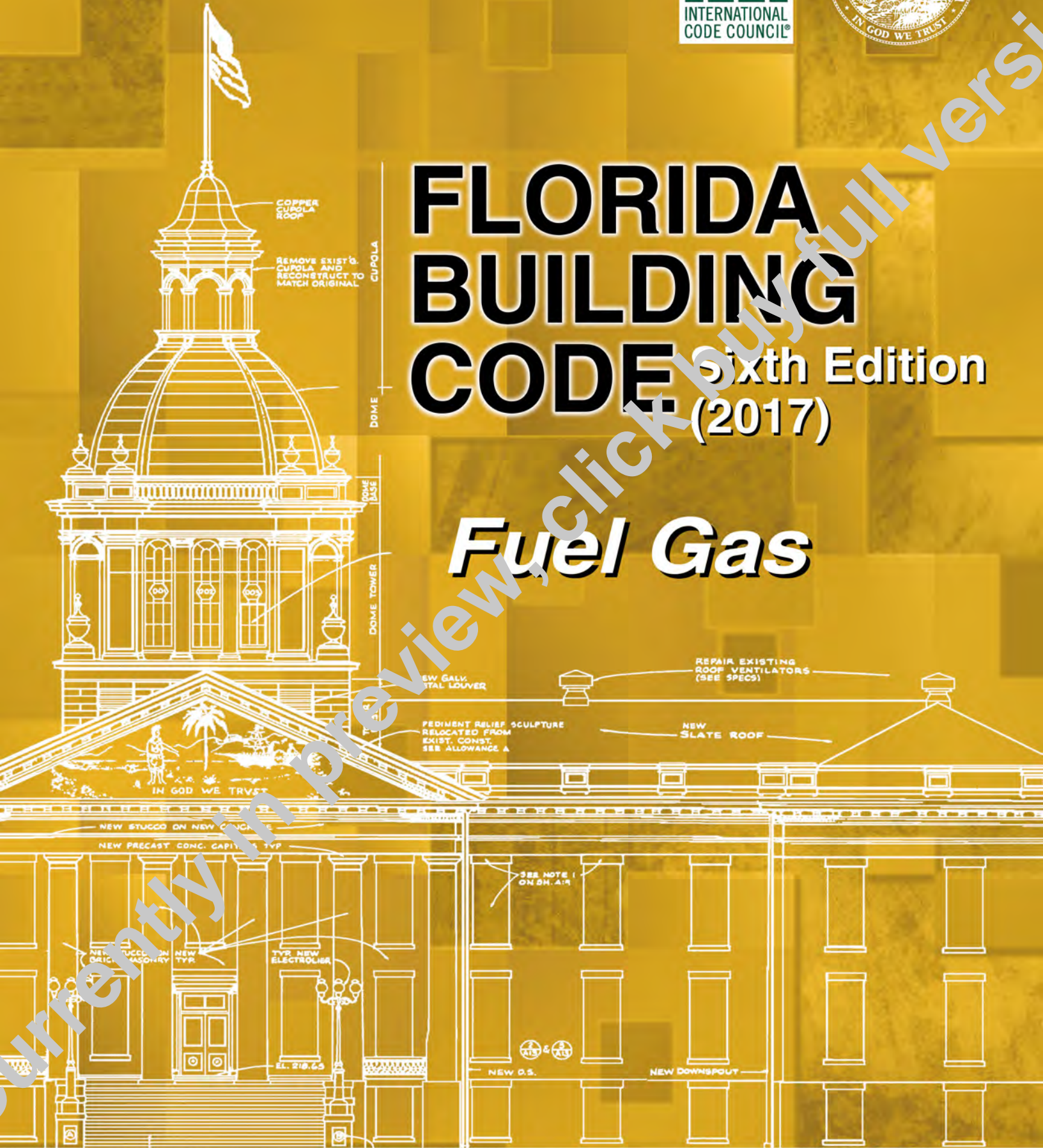




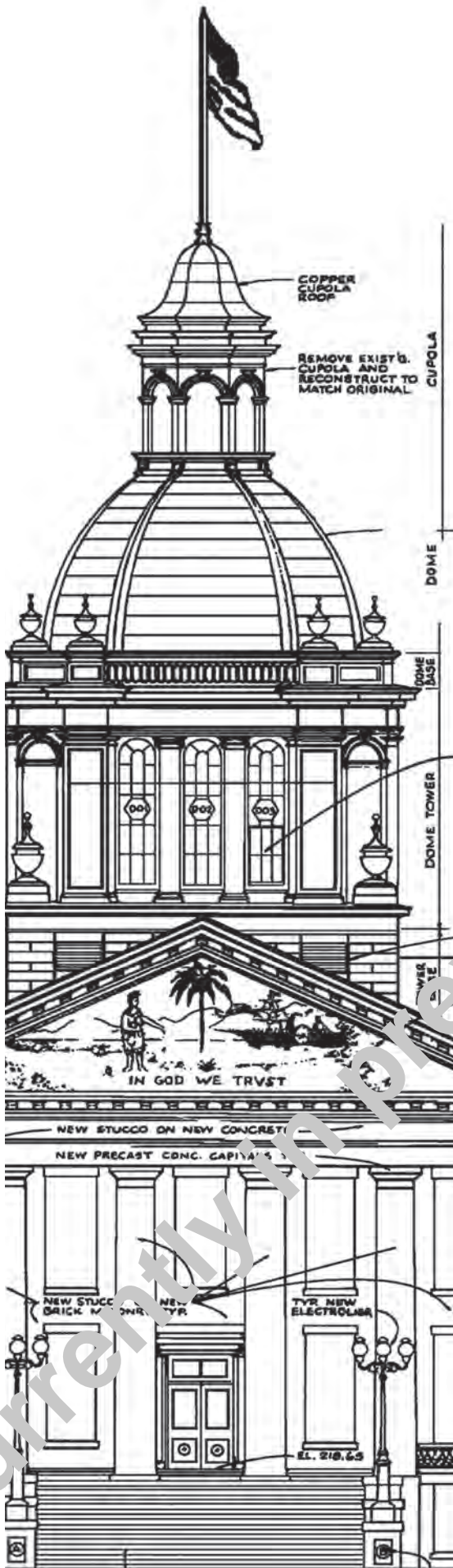
FLORIDA BUILDING CODE

Sixth Edition
(2017)

Fuel Gas



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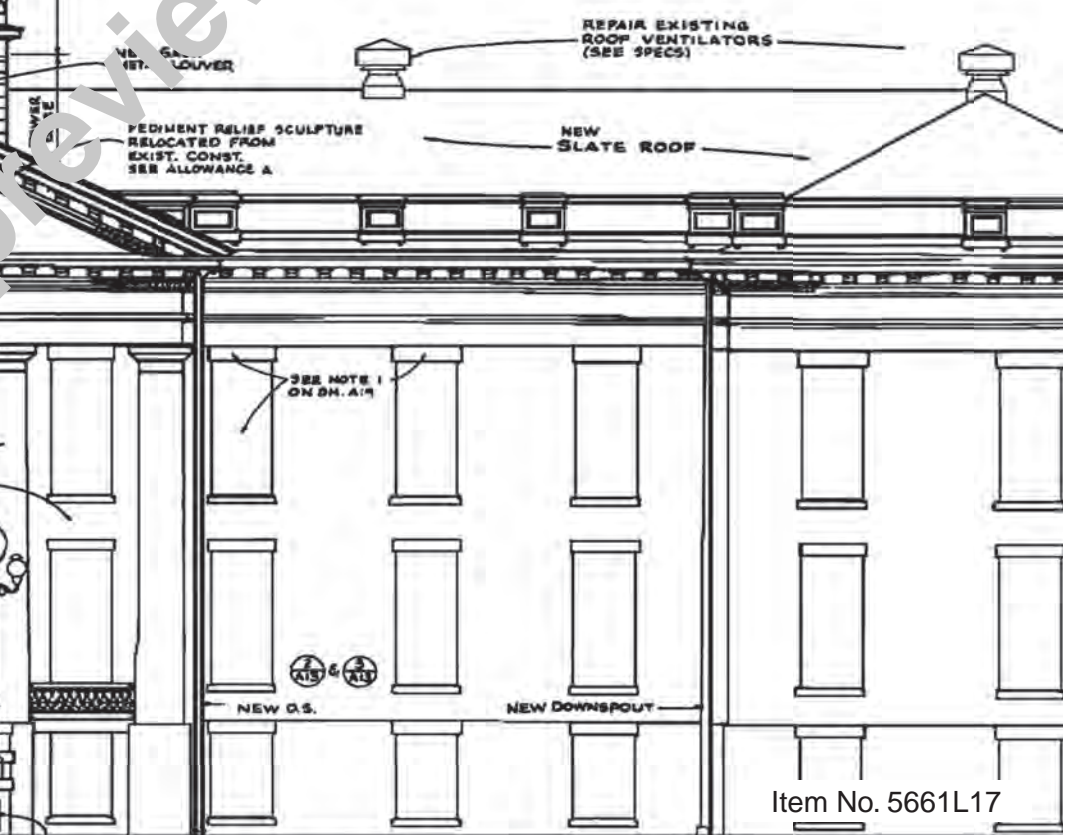


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PREFACE

History

The State of Florida first mandated statewide building codes during the 1970s at the beginning of the modern construction boom. The first law required all municipalities and counties to adopt and enforce one of the four state-recognized model codes known as the “state minimum building codes.” During the early 1990s a series of natural disasters, together with the increasing complexity of building construction regulation in vastly changed markets, led to a comprehensive review of the state building code system. The study revealed that building code adoption and enforcement was inconsistent throughout the state and those local codes thought to be the strongest proved inadequate when tested by major hurricane events. The consequences of the building code system failure were devastation to lives and economies and a statewide property insurance crisis. The response was a reform of the state building construction regulatory system that placed emphasis on uniformity and accountability.

The 1998 Florida Legislature amended Chapter 553, *Florida Statutes* (FS), Building Construction Standards, to create a single state building code that is enforced by local governments. As of March 1, 2002, the *Florida Building Code*, which is developed and maintained by the Florida Building Commission, supersedes all local building codes. The *Florida Building Code* is updated every three years and may be amended annually to incorporate interpretations and clarifications.

Scope

The *Florida Building Code* is based on national model building codes and national consensus standards which are amended where necessary for Florida’s specific needs. The code incorporates all building construction-related regulations for public and private buildings in the State of Florida other than those specifically exempted by section 553.73, *Florida Statutes*. It has been harmonized with the *Florida Fire Prevention Code*, which is developed and maintained by the Department of Financial Services, Office of the State Fire Marshal, to establish unified and consistent standards.

The base codes for the Sixth Edition (2017) of the *Florida Building Code* include: the *International Building Code*®, 2015 edition; the *International Plumbing Code*®, 2015 edition; the *International Mechanical Code*®, 2015 edition; the *International Fuel Gas Code*®, 2015 edition; the *International Residential Code*®, 2015 edition; the *International Existing Building Code*®, 2015 edition; the *International Energy Conservation Code*®, 2015; the *National Electrical Code*, 2014 edition; substantive criteria from ASHRAE Standard 90.1-2013. State and local codes adopted and incorporated into the code include the *Florida Building Code, Accessibility*, and special hurricane protection standards for the High-Velocity Hurricane Zone.

The code is composed of nine main volumes: the *Florida Building Code, Building*, which also includes state regulations for licensed facilities; the *Florida Building Code, Plumbing*; the *Florida Building Code, Mechanical*; the *Florida Building Code, Fuel Gas*; the *Florida Building Code, Existing Building*; the *Florida Building Code, Residential*; the *Florida Building Code, Energy Conservation*; the *Florida Building Code, Accessibility* and the *Florida Building Code, Test Protocols for High-Velocity Hurricane Zones*. Chapter 27 of the *Florida Building Code, Building*, adopts the *National Electrical Code*, NFPA 70, by reference.

Under certain strictly defined conditions, local governments may amend requirements to be more stringent than the code. All local amendments to the *Florida Building Code* must be adopted by local ordinance and reported to the Florida Building Commission then posted on www.floridabuilding.org in Legislative format for a month before being enforced. Local amendments to the *Florida Building Code* and the *Florida Fire Prevention Code* may be obtained from the Florida Building Commission web site, or from the Florida Department of Business and Professional Regulation or the Florida Department of Financial Services, Office of the State Fire Marshal, respectively.

Adoption and Maintenance

The *Florida Building Code* is adopted and updated with new editions triennially by the Florida Building Commission. It is amended annually to incorporate interpretations, clarifications and to update standards. Minimum requirements for permitting, plans review and inspections are established by the code, and local jurisdictions may adopt additional administrative requirements that are more stringent. Local technical amendments are subject to strict criteria established by Section 553.73, FS. They are subject to Commission review and adoption into the code or repeal when the code is updated triennially and are subject to appeal to the Commission according to the procedures established by Section 553.73, FS.

Eleven Technical Advisory Committees (TACs), which are constituted consistent with American National Standards Institute (ANSI) Guidelines, review proposed code changes and clarifications of the code and make recommendations to the Commission. These TACs whose membership is constituted consistent with ANSI Guidelines include: Accessibility; Joint Building Fire (a joint committee of the Commission and the State Fire Marshal); Building Structural; Code Administration / Enforcement; Electrical; Energy; Mechanical; Plumbing and Fuel Gas; Roofing; Swimming Pools and Special Occupancy (state agency construction and facility licensing regulations).

The Commission may only issue official code clarifications using procedures of Chapter 120, *Florida Statutes*. To obtain such a clarification, a request for a Declaratory Statement (DEC) must be made to the Florida Building Commission in a manner that establishes a clear set of facts and circumstances and identifies the section of the code in question. Requests are analyzed by staff, reviewed by the appropriate Technical Advisory Committee, and sent to the Florida Building Commission for action. These interpretations establish precedents for situations having similar facts and circumstances and are typically incorporated into the code in the next code amendment cycle. Non-binding opinions are available from the Building Officials Association of Florida's web site (www.BOAF.net) and a Binding Opinion process is available online at www.floridabuilding.org.

Code Development Committee Responsibilities (Letter Designations in Front of Section Numbers)

In each code development cycle, proposed changes to the code are considered at the Committee Action Hearings by the International Fuel Gas Code Development Committee, whose action constitutes a recommendation to the voting membership for final action on the proposed change. Proposed changes to a code section that has a number beginning with a letter in brackets are considered by a different code development committee. For example, proposed changes to code sections that have [BS] in front of them (e.g., [BS] 302.1) are considered by the IBC – Structural Code Development Committee at the code development hearings.

The content of sections in this code that begin with letter designations is maintained by other code development committees in accordance with the following:

- [A] = Administrative Code Development Committee;
- [BF] = IBC – Fire Safety Code Development Committee;
- [BG] = IBC – General Code Development Committee;
- [BS] = IBC – Structural Code Development Committee;
- [E] = International Energy Conservation Code Development Committee;
- [F] = International Fire Code Development Committee; and
- [M] = International Mechanical Code Development Committee.

Marginal Markings

Solid vertical lines in the margins within the body of the code indicate a technical change from the requirements of the 2012 edition. Deletion indicators in the form of an arrow (➡) are provided in the margin where an entire section, paragraph, exception or table has been deleted or an item in a list of items or a table has been deleted.

Dotted vertical lines in the margins within the body of the code indicate a change from the requirements of the base codes to the *Florida Building Code, Fuel Gas*, 6th Edition (2017) effective December 31, 2017.

Sections deleted from the base code are designated “Reserved” in order to maintain the structure of the base code.

Italicized Terms

Selected terms set forth in Chapter 2, Definitions, are italicized where they appear in code text. Such terms are not italicized where the definition set forth in Chapter 2 does not impart the intended meaning in the use of the term. The terms selected have definitions that the user should read carefully to facilitate better understanding of the code.

Acknowledgments

The *Florida Building Code* is produced through the efforts and contributions of building designers, contractors, product manufacturers, regulators and other interested parties who participate in the Florida Building Commission’s consensus processes, Commission staff and the participants in the national model code development process.

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TABLE OF CONTENTS

<p>CHAPTER 1 SCOPE AND ADMINISTRATION 1</p> <p>PART 1—SCOPE AND APPLICATION. 1</p> <p>Section</p> <p>101 General (IFGC) 1</p> <p>102 Applicability (IFGC) (Reserved) 2</p> <p>PART 2—ADMINISTRATION AND ENFORCEMENT. 2</p> <p>103 Department of Inspection (IFGC) (Reserved) 2</p> <p>104 Duties and Powers of the Code Official (IFGC) (Reserved) 2</p> <p>105 Approval (IFGC) (Reserved) 2</p> <p>106 Permits (IFGC) (Reserved) 2</p> <p>107 Inspections and Testing (IFGC) (Reserved) 2</p> <p>108 Violations (IFGC) (Reserved) 2</p> <p>109 Means of Appeal (IFGC) (Reserved) 2</p> <p>110 Temporary Equipment, Systems and Uses (IFGC) (Reserved) 2</p> <p>CHAPTER 2 DEFINITIONS 3</p> <p>Section</p> <p>201 General (IFGC) 3</p> <p>202 General Definitions (IFGC) 3</p> <p>CHAPTER 3 GENERAL REGULATIONS. 13</p> <p>Section</p> <p>301 General (IFGC) 13</p> <p>302 Structural Safety (IFGC) 14</p> <p>303 Appliance Location (IFGC) 14</p> <p>304 Combustion, Ventilation and Dilution Air (IFGC) 15</p> <p>305 Installation (IFGC) 18</p> <p>306 Access and Service Space (IFGC) 19</p> <p>307 Condensate Disposal (IFGC) 21</p> <p>308 Clearance Reduction (IFGS) 21</p> <p>309 Electrical (IFGC) 24</p> <p>310 Electrical Bonding (IFGS) 24</p> <p>311 Carbon Monoxide Control Systems 24</p> <p>CHAPTER 4 GAS PIPING INSTALLATIONS 25</p> <p>Section</p> <p>401 General (IFGC) 25</p>	<p>402 Pipe Sizing (IFGS) 25</p> <p>403 Piping Materials (IFGS) 63</p> <p>404 Piping System Installation (IFGC) 66</p> <p>405 Piping Bends and Changes in Direction (IFGS) 67</p> <p>406 Inspection, Testing and Purging (IFGS) 67</p> <p>407 Piping Support (IFGC) 70</p> <p>408 Drips and Sloped Piping (IFGC) 70</p> <p>409 Shutoff Valves (IFGC) 70</p> <p>410 Flow Controls (IFGC) 71</p> <p>411 Appliance and Manufacture Home Connections (IFGC) 72</p> <p>412 Liquefied Petroleum Gas Motor Vehicle Fuel-dispensing Facilities (IFGC) 73</p> <p>413 Compressed Natural Gas Motor Vehicle Fuel-dispensing Facilities (IFGC) 74</p> <p>414 Supplemental and Standby Gas Supply (IFGC) 76</p> <p>415 Piping Support Intervals (IFGS) 76</p> <p>416 Overpressure Protection Devices (IFGS) 76</p> <p>CHAPTER 5 CHIMNEYS AND VENTS 79</p> <p>Section</p> <p>501 General (IFGC) 79</p> <p>502 Vents (IFGC) 80</p> <p>503 Venting of Appliances (IFGS) 81</p> <p>504 Sizing of Category I Appliance Venting Systems (IFGS) 90</p> <p>505 Direct-vent, Integral Vent, Mechanical Vent and Ventilation/Exhaust Hood Venting (IFGC) 94</p> <p>506 Factory-built Chimneys (IFGC) 94</p> <p>CHAPTER 6 SPECIFIC APPLIANCES. 115</p> <p>Section</p> <p>601 General (IFGC) 115</p> <p>602 Decorative Appliances for Installation in Fireplaces (IFGC) 115</p> <p>603 Log Lighters (IFGC) 115</p> <p>604 Vented Gas Fireplaces (Decorative Appliances) (IFGC) 115</p> <p>605 Vented Gas Fireplace Heaters (IFGC) 115</p> <p>606 Incinerators and Crematories (IFGC) 115</p>
---	---

TABLE OF CONTENTS

607 Commercial-industrial Incinerators (IFGC) 115

608 Vented Wall Furnaces (IFGC) 115

609 Floor Furnaces (IFGC) 116

610 Duct Furnaces (IFGC) 116

611 Nonrecirculating Direct-fired Industrial Air Heaters (IFGC) 116

612 Recirculating Direct-fired Industrial Air Heaters (IFGC) 117

613 Clothes Dryers (IFGC) 117

614 Clothes Dryer Exhaust (IFGC) 117

615 Sauna Heaters (IFGC) 119

616 Engine and Gas Turbine-powered Equipment (IFGC) 119

617 Pool and Spa Heaters (IFGC) 120

618 Forced-air Warm-air Furnaces (IFGC) 120

619 Conversion Burners (IFGC) 121

620 Unit Heaters (IFGC) 121

621 Unvented Room Heaters (IFGC) 121

622 Vented Room Heaters (IFGC) 121

623 Cooking Appliances (IFGC) 121

624 Water Heaters (IFGC) 122

625 Refrigerators (IFGC) 122

626 Gas-fired Toilets (IFGC) 122

627 Air-conditioning Appliances (IFGC) 122

628 Illuminating Appliances (IFGC) 123

629 Small Ceramic Kilns (IFGC) 123

630 Infrared Radiant Heaters (IFGC) 124

631 Boilers (IFGC) 124

632 Equipment Installed in Existing Unlisted Boilers (IFGC) 124

633 Stationary Fuel-cell Power Systems (IFGC) 124

634 Chimney Damper Opening Area (IFGS) 124

635 Gaseous Hydrogen Systems (IFGC) 124

636 Outdoor Decorative Appliances (IFGC) 125

CHAPTER 7 GASEOUS HYDROGEN SYSTEMS 127

Section

701 General (IFGC) 127

702 General Definitions (IFGC) 127

703 General Requirements (IFGC) 127

704 Piping, Use and Handling (IFGC) 128

705 Testing of Hydrogen Piping Systems (IFGC) 129

706 Location of Gaseous Hydrogen Systems (IFGC) 130

707 Operation and Maintenance of Gaseous Hydrogen Systems (IFGC) 131

708 Design of Liquefied Hydrogen Systems Associated with Hydrogen Vaporization Operations (IFGC) 131

CHAPTER 8 REFERENCED STANDARDS 133

APPENDIX A SIZING AND CAPACITIES OF GAS PIPING (IFGS) 137

APPENDIX B SIZING OF VENTING SYSTEMS SERVING APPLIANCES EQUIPPED WITH DIRECT HOODS, CATEGORY I APPLIANCES AND APPLIANCES LISTED FOR USE WITH TYPE B VENTS (IFGS) 149

APPENDIX C EXISTING TERMINALS OF MECHANICAL DRAFT AND DIRECT-VENT VENTING SYSTEMS (IFGS) 159

APPENDIX D RECOMMENDED PROCEDURE FOR SAFETY INSPECTION OF AN EXISTING APPLIANCE INSTALLATION (IFGS) 161

INDEX 167