



City of Phoenix

PLANNING & DEVELOPMENT DEPARTMENT

BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

Amendment to 2024 International Fuel Gas Code (IFGC)

Section 101.1

Submitted by: International Fuel Gas Code Committee

Chapter 1 Scope and Administration

Notes:

1. For reserved sections herein, refer to the amendments and requirements in Chapter 1 of the International Building Code for these code requirements.
2. For sections that remain unchanged from base code, the term “see this section of the 2024 IFGC” shall refer to the unchanged base code.

101.1 Title

These regulations shall be known as the International Fuel Gas Code as amended by the City of Phoenix ~~Building Code~~ of [NAME OF JURISDICTION], hereinafter referred to as “this code.” These regulations are one document of the overall Phoenix Building Construction Code as defined by the adopting ordinance.

101.2 Scope. - see this section of the 2024 IFGC

101.2.1 Appendices. - see this section of the 2024 IFGC

101.2.2 Gaseous hydrogen systems. - see this section of the 2024 IFGC

101.2.3 Piping systems. - see this section of the 2024 IFGC

101.2.4 Gas appliances. - see this section of the 2024 IFGC

101.2.5 Systems, appliances and equipment outside the scope. - see this section of the 2024 IFGC

101.2.6 Other fuels. - see this section of the 2024 IFGC

101.3 Purpose. - see this section of the 2024 IFGC

101.4 Severability. - Reserved.

102.1 General. - Reserved.

102.2 Existing installations. - see this section of the 2024 IFGC

102.2.1 Existing buildings. - see this section of the 2024 IFGC

102.3 Maintenance. - see this section of the 2024 IFGC

102.4 Additions, alterations or repairs. - see this section of the 2024 IFGC

102.5 Change in occupancy. - see this section of the 2024 IFGC

102.6 Historic buildings. - see this section of the 2024 IFGC

102.7 Moved buildings. - see this section of the 2024 IFGC

102.8 Referenced codes and standards. - Reserved

Exception: Where enforcement of a code provision would violate the conditions of the listing of the *equipment* or *appliance*, the conditions of the listing and the manufacturer's installation instructions shall apply.

102.8.1 Conflicts. - Reserved.

102.8.2 Provisions in referenced codes and standards. - Reserved.

102.9 Requirements not covered by code. - see this section of the 2024 IFGC

102.10 Other laws. - Reserved.

102.11 Application of references. - see this section of the 2024 IFGC

Section 103 (IFGC) Code compliance agency - Reserved.

Section 104 (IFGC) Duties and powers of the code official - Reserved.

Section 105 (IFGC) Permits - Reserved.

Section 106 (IFGC) Construction documents - Reserved.

Section 107 (IFGC) Notice of approval - Reserved.

Section 108 (IFGC) Fees - Reserved.

Section 109 (IFGC) Service utilities - Reserved.

Section 110 (IFGC) Temporary uses, *equipment* and systems - Reserved.

Section 111 (IFGC) Inspections and testing - Reserved.

Section 112 (IFGC) Means of Appeals - Reserved.

Section 113 (IFGC) Violations - Reserved.

Section 114 (IFGC) Stop Work Order - Reserved.

Justification: All the adopted and amended building code documents taken together are known as the Phoenix Building Construction Code. Each code document is a separate document of the Phoenix Building Construction Code. This document is the International Fuel Gas Code as Amended by the City of Phoenix. This document is intended to apply where a code or referenced standard identifies the International Fuel Gas Code as being applicable.

The reserved provisions are contained in the Phoenix Building Construction Code – Administrative Provisions (Chapter 1 of the International Building Code).

Cost Impact: No cost impact.

Approved in previous 2018 Code Adoption process: ☐ YES ☒ NO

ACTION TAKEN:

2024 Code Committee Date: 01/15/2025
☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

Development Advisory Board (DAB) Subcommittee Date: 02/06/2025
☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

Development Advisory Board (DAB) Date: 04/22/2025
☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

Transportation, Infrastructure and Planning Subcommittee Date:
☐ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

City Council Action Date:
☐ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken



BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

**Amendment to 2024 International Fuel Gas Code (IFGC)
Section 403.11**

Submitted by: International Fuel Gas Code Committee

403.11 Flanges.

Flanges and flange gaskets shall comply with Sections 403.11.1 through 403.11.7.

403.11.1 Cast iron.

Cast-iron flanges shall be in accordance with ASME B16.1

403.11.2 Steel.

Steel flanges shall be in accordance with ASME B16.5 or ASME B16.47.

403.11.3 Nonferrous.

Nonferrous flanges shall be in accordance with ASME B16.24 except *listed* components using aluminum flange connections constructed in accordance with dimensional specifications of ANSI/ASME B16.5.

403.11.4 Ductile iron.

Ductile-iron flanges shall be in accordance with ASME B16.42.

403.11.5 Raised face.

Raised face flanges shall not be joined to flat faced cast-iron, ductile-iron or nonferrous material flanges.

403.11.6 Flange facings.

~~Standard facings shall be permitted for use under this code. Where 150-pound (1034 kPa) pressure-rated steel flanges are bolted to Class 125 cast-iron flanges, the raised face on the steel flange shall be removed.~~

403.11.7 Lapped flanges.

Lapped flanges shall be used only above ground or in exposed locations accessible for inspection.

Justification: Modifying the flange will void the ASME rating and the manufacturer's listing.

Cost Impact: No cost impact.

Approved in previous 2018 Code Adoption process:

☒ **YES**

☐ **NO**

This amendment was approved in previous code adoptions. It has subsequently been evaluated by the committee for applicability to the 2024 IFGC and carried forward as presented.

ACTION TAKEN:

2024 Code Committee

Date: 12/05/2024

☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

Development Advisory Board (DAB) Subcommittee

Date: 02/06/2025

☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

Development Advisory Board (DAB)

Date: 04/22/2025

☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

Transportation, Infrastructure and Planning Subcommittee

Date:

☐ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

City Council Action

Date:

☐ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken