ARTICLE 25. FUEL GAS CODE

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Rule 1. Indiana Fuel Gas Code, 2003 Edition (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Mar 18, 2008, 2:32 p.m.: 20080423-IR-675070479FRA, eff 90 days after filing with the Publisher)

Rule 2. Indiana Fuel Gas Code, 2008 Edition (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Aug 1, 2014, 10:57 a.m.: 20140827-IR-675130342FRA, eff Dec 1, 2014)

Rule 3. 2014 Indiana Fuel Gas Code

675 IAC 25-3-1 Adoption by reference

Authority: IC 22-13-2-2
Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7-2-9

Sec. 1. (a) That certain document being titled the International Fuel Gas Code, 2012 Edition, second printing dated February 2012, as published by the International Code Council, Inc., 4051 West Flossmoor Road, Country Club Hills, Illinois 60478-5795, is hereby adopted by reference as if fully set out in this rule save and except those revisions made in this rule.

(b) This rule is available for review and reference at the:
Legal and Code Service Section
Indiana Department of Homeland Security
Indiana Government Center South
302 West Washington Street, Room W246
Indianapolis, Indiana 46204

(Fire Prevention and Building Safety Commission; 675 IAC 25-3-1; filed Aug 1, 2014, 10:57 a.m.: 20140827-IR-675130342FRA, eff Dec 1, 2014)

675 IAC 25-3-2 Chapter 1; administration

Authority: IC 22-13-2-2
Affected: IC 4-21.5; IC 4-22-7-7; IC 22-12-7; IC 22-13-2-7; IC 22-13-5; IC 22-14; IC 22-15; IC 36-7-2-9

Sec. 2. Delete Chapter 1 and insert to read as follows: (a) 101.1 Title. This rule shall be known as the 2014 Indiana Fuel Gas Code, and shall be published, except incorporated documents, by the Department of Homeland Security for general distribution and use under that title. Wherever the term "this code" is used throughout this rule, it shall mean the 2014 Indiana Fuel Gas Code.

(b) 101.2 Scope and Application:

This code shall apply to the installation of fuel gas piping systems, fuel gas utilization equipment, and related accessories as follows:

1. Coverage of piping systems shall extend from the point of delivery to the connections with gas utilization equipment. (See "point of delivery".)

2. Systems with an operating pressure of one hundred twenty-five (125) pounds per square inch gauge (psig) (eight hundred sixty-two (862) kPa gauge) or less. Piping systems for gas-air mixtures within the flammable range with an operating pressure of ten (10) psig (sixty-nine (69) kPa gauge). LP-Gas piping systems with an operating pressure of twenty (20) psig (one hundred forty (140) kPa gauge) or less. For undiluted liquefied petroleum gas systems, the point of delivery shall be considered to be the outlet of the final pressure regulator, exclusive of the line gas regulators, in the system.

3. Piping systems requirements shall include design, materials, components, fabrication, assembly, installation, testing, inspection, operation, and maintenance.

4. Requirements for gas utilization equipment and related accessories shall include installation, combustion, and ventilation air and venting.

This code shall not apply to the following:

1. Portable LP-Gas equipment of all types that are not connected to a fixed fuel piping system.
2. Installation of farm 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 chemical reactions 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 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.

(c) 101.3 Appendices and Standards. Provisions in the appendices are not enforceable unless specifically adopted. The codes and standards referenced in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between provisions of this code and referenced codes and standards, the provisions of this code shall apply.

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

(d) 101.4 Appeals and Interpretations. Appeals from orders issued by the Fire Prevention and Building Safety Commission, or the Division of Fire and Building Safety are governed by IC 4-21.5 and IC 22-12-7. Appeals from orders by a local unit of government are governed by IC 22-13-2-7 and local ordinance. Upon the written request of an interested person who has a dispute with a county or municipal government concerning a building rule, the State Building Commissioner may issue a written interpretation of a building law. The written interpretation as issued under IC 22-13-5 binds the interested person and the county or municipality with whom the interested person has the dispute until overruled in a proceeding under IC 4-21.5. A written interpretation of a building law binds all counties and municipalities if the state building commissioner publishes the written interpretation of the building law in the Indiana Register under IC 4-22-7-7(b).

(e) 101.5 Plans. Plans shall be submitted for Class 1 structures as required by the General Administrative Rules (675 IAC 12) and the Industrialized Building Systems (675 IAC 15).

(f) 101.6 Existing Construction. For existing Class 1 structures, see the General Administrative Rules (675 IAC 12) and local ordinance.

(g) 101.7 Additions and Alterations: Additions and alterations to any Class 1 structure shall conform to that required of a new structure without requiring the existing structure to comply with all the requirements of this code. Additions or alterations shall not cause an existing structure to become unsafe (see the General Administrative Rules (675 IAC 12-4).

(h) 101.8 Alternate Materials, Methods, and Equipment: Alternate materials, methods, equipment, and design shall be as required by the General Administrative Rules (675 IAC 12-6-11) and the rules for Industrialized Building Systems (675 IAC 15).

(Fire Prevention and Building Safety Commission; 675 IAC 25-3-2; filed Aug 1, 2014, 10:57 a.m.: 20140827-IR-675130342FRA, eff Dec 1, 2014; errata filed Aug 7, 2014, 8:57 a.m.: 20140827-IR-675130342ACA)

675 IAC 25-3-3 Chapter 2; definitions

Authority: IC 22-13-2-2
Affected: IC 22-12; IC 22-13; IC 22-14-2-10; IC 22-15-2-7; IC 25-4; IC 25-31; IC 36-7-2-9; IC 36-8-17-9

Sec. 3. Chapter 2 is amended as follows: (a) Delete the title and the text of Section 201.3 in its entirety and insert to read as follows: Section 201.3. Terms defined in other codes. Where terms are not defined in this code and are defined in the Indiana Building Code (675 IAC 13), Indiana Electrical Code (675 IAC 17), Indiana Fire Code (675 IAC 22), Indiana Energy Conservation Code (675 IAC 19), Indiana Mechanical Code (675 IAC 18) or Indiana Plumbing Code (675 IAC 16), such terms shall have the meanings ascribed to them as in those codes.

(b) Amend Section 202, Definitions as follows:

(1) Amend the definition for APPROVED to read as follows: APPROVED means acceptance by the authority having jurisdiction by one (1) of the following methods:

(1) Investigation or tests conducted by recognized authorities; or

(2) Investigation or tests conducted by nationally recognized technical or scientific organizations; or

(3) Nationally accepted principles.

The investigation, tests, or principles shall establish that the method, materials, equipment, design, or type of construction is safe for its intended purpose.

(2) Amend the definition of APPROVED AGENCY, to delete the words "approved by the code official and".

(3) Add the definition of APPROVED TESTING LABORATORY to read as follows: APPROVED TESTING LABORATORY means a laboratory described in 675 IAC 12-6-11(c).

(4) Add the definition for BUILDING CODE to read as follows: BUILDING CODE. See Indiana Building Code.

(5) Amend the definition of CODE OFFICIAL to read as follows: CODE OFFICIAL means the Division of Fire and Building Safety; the local building official as authorized under IC 36-7-2-9 and local ordinance; or the fire department as authorized under IC 36-8-17-9.

(6) Amend the definition of CONSTRUCTION DOCUMENTS to read as follows: CONSTRUCTION DOCUMENTS means the documents required to obtain a design release in accordance with the General Administrative Rules (675 IAC 12-6) and the rules for Industrialized Building Systems (675 IAC 15).

(7) Add the definition for INDIANA BUILDING CODE to read as follows: INDIANA BUILDING CODE means the rules adopted at 675 IAC 13 in effect in Indiana at the time of construction in accordance with 675 IAC 12-4-7.

(8) Add the definition of ELECTRICAL CODE to read as follows: See Indiana Electrical Code.

(9) Add the definition of INDIANA ELECTRICAL CODE to read as follows: INDIANA ELECTRICAL CODE means the Indiana Electrical Code (675 IAC 17) in effect in Indiana at the time of construction in accordance with 675 IAC 12-4-7.

(10) Add the definition of INDIANA ENERGY CONSERVATION CODE to read as follows: INDIANA ENERGY CONSERVATION CODE means the Indiana Energy Conservation Code (675 IAC 19) in effect in Indiana at the time of construction in accordance with 675 IAC 12-4-7.

(11) Add the definition of INDIANA FIRE CODE to read as follows: INDIANA FIRE CODE means the rules adopted at 675 IAC 22 in effect in Indiana at the time of inspection by the inspection authority or, with respect to construction required to be filed under 675 IAC 12-6, 675 IAC 22 in effect at the time of construction, in accordance with 675 IAC 12-4-7.

(12) Add the definition of INDIANA PLUMBING CODE to read as follows: INDIANA PLUMBING CODE means the Indiana Plumbing Code (675 IAC 16) in effect in Indiana at the time of construction in accordance with 675 IAC 12-4-7.

(13) Add the definition of INTERNATIONAL BUILDING CODE to read as follows: INTERNATIONAL BUILDING CODE. See Indiana Building Code.

(14) Add the definition of INTERNATIONAL CODE to read as follows: INTERNATIONAL CODE means the rules of the Fire Prevention and Building Safety Commission (675 IAC).

(15) Add the definition of INTERNATIONAL ENERGY CONSERVATION CODE to read as follows: INTERNATIONAL ENERGY CONSERVATION CODE. See Indiana Energy Conservation Code.

(16) Add the definition of INTERNATIONAL FIRE CODE to read as follows: INTERNATIONAL FIRE CODE. See Indiana Fire Code.

(17) Add the definition of INTERNATIONAL FUEL GAS CODE to read as follows: INTERNATIONAL FUEL GAS

CODE. See Indiana Fuel Gas Code.

(18) Add the definition of INTERNATIONAL PLUMBING CODE to read as follows: INTERNATIONAL PLUMBING CODE. See Indiana Plumbing Code.

(19) Add the definition of INTERNATIONAL MECHANICAL CODE to read as follows: INTERNATIONAL MECHANICAL CODE. See Indiana Mechanical Code.

(20) INTERNATIONAL RESIDENTIAL CODE means to the INDIANA RESIDENTIAL CODE (675 IAC 14) in effect at the time of construction in accordance with 675 IAC 12-4-7.

(21) Amend the definition for LABELED to read as follows: LABELED: means equipment, or materials to which has been attached a label, symbol, or other identifying mark of an organization engaged in product evaluation, that maintains periodic inspection or production of labeled equipment or materials, and by whose labeling the manufacturer indicates compliance with appropriate standards or performance in a specified manner.

(22) Amend the definition for LISTED to read as follows: LISTED: means equipment or materials included in a list published by an organization engaged in product evaluation, that maintains periodic inspection of production of listed equipment or materials, and whose listing states either that the equipment or material meets appropriate standards or has been tested and found suitable for use in a specified manner.

(23) Add the definition of NFPA 70, NATIONAL ELECTRICAL CODE to read as follows: NFPA 70 NATIONAL ELECTRICAL CODE. See Indiana Electrical Code.

(24) Add the definition of NFPA 51 to read as follows: NFPA 51. See 675 IAC 28-1-18.

(25) Add the definition of NFPA 58 to read as follows: NFPA 58. See 675 IAC 28-1-22.

(26) Delete the text in the definition of REGISTERED DESIGN PROFESSIONAL and insert to read as follows: REGISTERED DESIGN PROFESSIONAL means an architect who is registered under IC 25-4 or professional engineer who is registered under IC 25-31. If a registered design professional is not required by 675 IAC 12-6 or 675 IAC 15, then it means the owner.

(27) Amend the definition of THIRD-PARTY CERTIFICATION AGENCY, to delete the word "approved".

(28) Amend the definition of THIRD-PARTY CERTIFIED, to delete the words "an approved" and insert "a".

(Fire Prevention and Building Safety Commission; 675 IAC 25-3-3; filed Aug 1, 2014, 10:57 a.m.: 20140827-IR-675130342FRA, eff Dec 1, 2014)

675 IAC 25-3-4 Chapter 3; general regulations

Authority: IC 22-13-2-2
Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7-2-9

Sec. 4. (a) Amend Section 301.3, Listed and labeled, to delete the text and insert to read as follows: Appliances regulated by this code shall be listed and labeled unless otherwise approved.

(b) Delete Section 301.4, in its entirety without substitution.

(c) Amend Section 305.1 by deleting, from the last line, "and the requirements determined by the code official" and inserting "or other approved methods".

(d) Amend Section 310.1.1 by adding an exception to read as follows: Exception: CSST with an arc-resistant jacket listed by an approved agency for installation without the direct bonding as, prescribed in this section shall be installed in accordance with its listing and the manufacturer's installation instructions. *(Fire Prevention and Building Safety Commission; 675 IAC 25-3-4; filed Aug 1, 2014, 10:57 a.m.: 20140827-IR-675130342FRA, eff Dec 1, 2014)*

675 IAC 25-3-5 Chapter 4; gas piping installations

Authority: IC 22-13-2-2
Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7-2-9

Sec. 5. (a) Add an exception to Section 401.9, to read as follows: Exception: The manufacturer's identification for fittings and pipe nipples shall be on each piece or shall be printed on the fitting or nipple packaging or provided in documentation.

(b) Amend Section 401.10, in the second sentence, to delete "an approved" in both places and insert "a".

(c) Amend Section 406.7.1.3(3) by deleting "with a combustible gas indicator that complies with section 406.7.1.4".

(d) Amend Section 406.7.2.1(4) by deleting "with a listed combustible gas detector in accordance with Section 406.7.2.2".

(e) Amend Section 412, Liquefied petroleum gas motor vehicle fuel-dispensing station, to delete the text and insert to read as follows: See Indiana Fire Code.

(f) Amend Section 413, Compressed natural gas motor vehicle fuel-dispensing stations to delete the text and insert to read as follows: See Indiana Fire Code. *(Fire Prevention and Building Safety Commission; 675 IAC 25-3-5; filed Aug 1, 2014, 10:57 a.m.: 20140827-IR-675130342FRA, eff Dec 1, 2014)*

675 IAC 25-3-6 Chapter 8; referenced standards

Authority: IC 22-13-2-2
Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7-2-9

Sec. 6. Amend the last sentence of the first paragraph to read as follows: The application of the referenced standards shall be as specified in Section 101.3. *(Fire Prevention and Building Safety Commission; 675 IAC 25-3-6; filed Aug 1, 2014, 10:57 a.m.: 20140827-IR-675130342FRA, eff Dec 1, 2014)*

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