

## RESOLUTION

### **A RESOLUTION DECLARING THE NEED FOR THE ADOPTION OF THE INTERNATIONAL FUEL GAS CODE, 2015 EDITION AND SETTING FORTH CERTAIN LOCAL AMENDMENTS TO SAID CODES. FUEL GAS PIPING SYSTEMS, GAS APPLIANCE INSTALLATION, GAS APPLIANCE VENTING, GAS APPLIANCE COMBUSTION AIR, AND MAINTENANCE OF GAS APPLIANCES**

**WHEREAS**, the Council of The City of Oklahoma City finds that said City needs an up-to-date code of ordinances to provide for the safety, health and public welfare through properly designed, acceptably installed and adequately maintained gas systems; and

**WHEREAS**, the Plumbing Code Review and Appeals Commission and the Mechanical Code Review and Appeals Commission has recommended that the International Fuel Gas Code, 2015 may be adapted to the needs of The City by changing the wording of certain sections thereto, by deletion of certain sections thereto, by addition thereto of certain sections, and by adding thereto certain sections peculiarly suitable to this City; and

**WHEREAS**, it is the desire of the Council to make such changes in the International Fuel Gas Code, 2015 Edition, before considering it for approval as amended.

**NOW, THEREFORE, BE IT RESOLVED** by the Council of The City of Oklahoma City, that the International Fuel Gas Code, and the same hereby is ordered amended and changed in the following respects:

**Section FG101.1** is deleted in favor of Section 29-4 and 42-4 of the Oklahoma City Municipal Code, 2010.

**Section FG101.4** is deleted in favor of Section 29-5 and 42-5 of the Oklahoma City Municipal Code, 2010.

**Section 101.2.6 is added to read as follows:**

**Section 101.2.6 Work on gas piping systems.** Repairs, additions, alterations, relocations, and/or other work on any portion of gas piping systems regulated by the 2015 International Fuel Gas Code shall only be performed by a licensed Plumbing or Mechanical Contractor that is duly authorized by the State of Oklahoma and The City of Oklahoma City to do gas work, and whose licenses and registrations are current and active. A permit shall be obtained by the contractor prior to performing such work.

**Section 101.2.6.1 is added to read as follows:**

**Section 101.2.6.1 Required inspections and testing.** The code official, upon notification from the permit holder or the permit holder's agent, shall make the following inspections and other such inspections as necessary, and shall either release that portion of the construction or notify the permit holder or the permit holder's agent of violations that are required to be corrected. The holder of the permit shall be responsible for scheduling such inspections.

1. Underground inspection shall be made after trenches or ditches are excavated and bedded, piping is installed and before backfill is put in place. When excavated soil contains rocks, broken concrete, frozen chunks and other rubble that would damage or break the piping or cause corrosive action, clean backfill shall be on the job site.
2. Rough-in inspection shall be made after the roof, framing, fireblocking and bracing are in place and components to be concealed are complete, and prior to the installation of wall or ceiling membranes.
3. Final inspection shall be made upon completion of the installation.
4. The inspector shall issue a certificate of approval at the completion of the work for which a permit has been issued, including construction gas/construction heat, where a building is under construction. If, after all inspections, it is found that such work complies with the provisions of this code and all other requirements of law or ordinances applicable to it, a duplicate of each piping certificate shall be delivered or transmitted to the gas company and used as their authority to establish gas service.

**Section 101.2.6.2 is added to read as follows:**

**Section 101.2.6.2 Gas meter relocation.** The relocating of gas meters shall only be done by employees of, or other persons authorized by the gas utility company. Work done to any gas system regulated by the 2015 International Fuel Gas Code shall only be done by persons duly authorized by the State of Oklahoma and The City of Oklahoma City. A permit shall be obtained by the Contractor prior to performing such work.

**Section 101.2.6.3 is added to read as follows:**

**Section 101.2.6.3 Gas meter location.** Gas meters shall be located as required by the gas supplier.

**Section FG103.** Department of Inspection. Sections FG103.1 and FG103.2 are deleted in favor of Sections 29-21, 29-22, 42-21 and 42-22 of the Oklahoma City Municipal Code, 2010.

**Section FG103.3** is hereby deleted.

**Section FG104.2** is modified to read as follows:

**Section FG104.2** Application and permits. The Development Center shall receive applications and shall issue permits for the installation and alteration of mechanical systems, fuel gas systems, fuel gas utilization equipment, and boilers.

**Section FG104.3** is deleted in favor of Section 29-26 and 42-26 of the Oklahoma City Municipal Code, 2010.

**Section FG104.5** is deleted in favor of Section 29-29 and 42-29 of the Oklahoma City Municipal Code, 2010.

**Section FG104.6** is deleted in favor of Section 29-24 and 42-24 of the Oklahoma City Municipal Code, 2010.

**Section FG104.7** is deleted in favor of Section 29-30 and 42-30 of the Oklahoma City Municipal Code, 2010.

**Section FG106.1** is deleted in favor of Section 29-36 and 42-36 of the Oklahoma City Municipal Code, 2010.

**Section FG106.3** is deleted in favor of Sections 29-35, 29-39, 29-40, 29-41, 29-42, 29-43, 29-44, 29-46 29-47, 42-35, 42-39, 42-40, 42-41, 42-42, 42-43, 42-44, 42-46 and 42-47, of the Oklahoma City Municipal Code, 2010.

**Section FG106.3.2** is deleted in favor of Section 29-50 and 42-50 of the Oklahoma City Municipal Code, 2010.

**Section FG106.5** is deleted in favor of Sections 29-35, 29-39, 29-40, 29-41, 29-42, 29-43, 29-44, 29-46, 29-47, 42-35, 42-39, 42-40, 42-41, 42-42, 42-43, 42-44, 42-46 and 42-47 of the Oklahoma City Municipal Code, 2010.

**Sections FG106.5.3** and **FG106.5.4** are deleted in favor of Section 29-50 and 42-50 of the Oklahoma City Municipal Code, 2010.

**Section 107.2** items 4 and 5 are added and shall read as follows:

4. The inspector shall issue a certificate of approval at the completion of the work for which a permit has been issued, including construction gas/construction heat, where a building is under construction. If, after all inspections, it is found that such work complies with the provisions of this code and all other requirements of law or ordinances applicable to it, a duplicate of each piping certificate shall be delivered or transmitted to the gas company and used as their authority to establish gas service.

5. Fire damaged, remodeled, relocated buildings and/or meter relocations: Any building that has been fire damaged, remodeled, relocated, or where a gas meter is moved, or where a

building has been without gas service for 12 months or longer, an inspection and a pressure test as required by this Code shall be performed on all gas piping before service is restored.

**Section 307.2.1 is added to read as follows:**

**307.2.1 Condensate drains.** Where condensing appliances are in locations subject to freezing conditions, the condensate drain line shall be protected from freezing in an approved manner and in accordance with manufacturer's installation instructions.

**Section 404.10.1 is added to read as follows:**

**Section 404.10.1 Insulated union at building riser.** All underground metallic gas piping shall have an insulated union above ground level before the service enters the building. Where an anode bag is required, the anode lead wire shall be connected below the union.

**Section 404.12 is amended to read as follows:**

**Section 404.12 Minimum burial depth.** Underground gas piping systems shall be installed a minimum depth of 18 inches below grade, except as provided for in Section 404.12.1.

**Section 404.13.1 is added to read as follows:**

**Section 404.13.1. Gas piping in same ditch with other piping.** Gas piping may be installed in the same ditch with other piping such as water, sewer, electrical, or drainage piping provided the installation is approved and a minimum of six inches of horizontal separation of the different piping systems is maintained.

**404.15.1 is added to read as follows:**

**404.15.1 Future Gas Branches.** All gas branches shall have a gas shut off installed and shall be capped gas tight. Gas branches carrying elevated pressure shall be regulated. All gas branches shall be approved.

**Section 406.4.1 is amended to read as follows:**

**Section 406.4.1 Test pressure.** The test pressure to be used shall be not less than one and one-half times the proposed maximum working pressure, irrespective of design pressure. The pressure used to test a gas piping system shall not be less than 15 PSIG with a 30 lb test gauge. Where the test pressure exceeds 125 PSIG, the test pressure shall not exceed a value that produces a hoop stress in the piping greater than 50 percent of the specified minimum yield strength of the piping. The test duration shall be not less than 10 minutes.

**Section 413.3.2 is added to read as follows:**

**Section 413.3.2 Warning signs.** Warning signs complying with Section 310 of the International Fire Code® shall be posted as follows:

Warning sign(s) shall be conspicuously posted within sight of each dispenser in the fuel dispensing area and shall state the following:

1. No smoking
2. Shut off motor
3. Flammable Gas
4. Natural gas vehicle fuel cylinders shall be inspected at intervals not exceeding 3 years or 36,000 miles to ensure safe operation of the vehicle.
5. Natural gas fuel cylinders past their end-of-life date shall not be refueled and shall be removed from service.

A warning sign with the words "NO SMOKING, FLAMMABLE GAS" shall be posted in all compressor and storage areas. The lettering on the sign shall be legible and large enough to be visible from each point of transfer. The service pressure of each dispenser shall be posted in view of the operator.

**Section 413.8.1 is added to read as follows:**

**413.8.1 Local emergency shutdown device.** A local emergency manual shutdown device shall be located within 15 feet (4572 mm) of each dispensing enclosure.

**ADOPTED** by the City Council of the City of Oklahoma City and **SIGNED** by the

Mayor this \_\_\_\_\_ day of \_\_\_\_\_, 2020,

ATTEST: (seal)

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**CITY CLERK**

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**MAYOR**

**REVIEWED** for form and legality.

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ASSISTANT MUNICIPAL COUNSELOR