

1 **ORDINANCE NO. 70801**

2 **BOARD BILL 60**

INTRODUCED BY ALDERMAN TERRY KENNEDY

3

ALDERWOMAN CHRISTINE INGRASSIA

4 An Ordinance adopting the 2018 International Fuel Gas Code with amendments;
5 repealing Ordinance 68638; and containing a penalty clause, severability clause, savings
6 clause, and emergency clause.

7 **BE IT ORDAINED BY THE CITY OF SAINT LOUIS AS FOLLOWS:**

1 **SECTION ONE. REPEAL.** Ordinance 68638, approved April 21, 2010, which
2 adopted the 2009 International Fuel Gas Code, is hereby repealed.

3 **SECTION TWO. ADOPTION.** The 2018 International Fuel Gas Code as
4 published by the International Code Council, Inc., one copy of which is on file in the Office
5 of the Register of the City of Saint Louis, being marked and designated as the International
6 Fuel Gas Code, is hereby adopted as the Fuel Gas Code of the City of Saint Louis, in the
7 State of Missouri, pursuant to this Ordinance and in conformity with Section 71.943 RSMo,
8 for the control of buildings and structures as herein provided; and that each and all of the
9 regulations, provisions, penalties, conditions, and terms of said Fuel Gas Code are hereby
10 referred to, adopted, and made a part hereto as if fully set out in this Ordinance with the
11 amendments prescribed in Section Three of this Ordinance. If differences occur between a
12 provision modified by this Ordinance and a provision adopted without modification, then the
13 modified provision shall control.

14

15 **SECTION THREE. AMENDMENTS.** The 2018 International Fuel Gas Code is
16 amended and changed in the following respects:

17 **CHAPTER 1 IS AMENDED AS FOLLOWS:**

18 Change Section 101.1 to read as follows:

19 **101.1 Title.** These regulations shall be known as the Fuel Gas Code of the City of Saint
20 Louis, hereafter referred to as “this code.”

1 Delete Sections 103 thru 110 in their entirety.

2 Add new Section 103 to read as follows:

3 **SECTION 103**

4 **ADMINISTERING OF THIS CODE**

5 **103.1 General.** Authority, permitting, fees, penalties, inspections, duties, and means of
6 appeal shall be as set forth in the Mechanical Code.

7 **CHAPTER 2 IS AMENDED AS FOLLOWS:**

8 Change Section 201.3 to read as follows:

9 **201.3 Terms defined in other codes.** Where terms are not defined in this code and are
10 defined in the Building Code, Fire Code, Mechanical Code, Plumbing Code and NFPA, such
11 terms shall have meanings ascribed to them as in those codes.

12 Add Section 201.5 to read as follows:

13 **201.5 Referenced other codes and standards.** Any codes or standards referenced in this
14 code shall be taken to mean the applicable City of Saint Louis code.

15 Change Section 202 by the addition or modification of the following definition:

16 **DIVERSITY FACTOR.** Ratio of the maximum probable demand to the maximum possible
17 demand.

1 **HEATING VALUE, TOTAL.** The number of Btu's produced by the combustion, at
2 constant pressure, of 1 cubic foot (0.0283 m³) of gas when the products of combustion are
3 cooled to the initial temperature of the gas and air, when the water vapor formed during
4 combustion is condensed, and when all necessary corrections have been applied.

5 **PURGE.** To clear of air, water, or other foreign substances.

6 **WORKMANLIKE.** Executed in a skilled manner; e.g., generally plumb, level, square, in
7 line, undamaged, and without marring adjacent work.

8 **CHAPTER 3 IS AMENDED AS FOLLOWS:**

9 Change Section 301.6 to read as follows:

10 **301.6 Plumbing connections.** Potable water supply and building drainage system
11 connections to appliances regulated by this code shall be in accordance with the Plumbing
12 Code.

13 Add Section 302.8 to read as follows:

14 **302.8 Stud Guards.** When the edge of bored holes is less than one inch (25mm) from the
15 edge of a stud or joist and when notched studs or joists are covered, stud guards shall be
16 installed to protect service lines from fastener damage.

17 Change Section 307.3 to read as follows:

18 **307.3 Drain pipe materials and sizes.** Components of the condensate disposal system shall

1 be cast iron, galvanized steel, copper, cross-linked polyethylene, polyethylene, ABS, CPVC
2 PVC or polypropylene pipe or tubing. Components shall be selected for the pressure and
3 temperature rating of the installation. Joints and connections shall be made in accordance
4 with the applicable provisions of the Plumbing Code relative to the material type.
5 Condensate waste and drain line size shall not be less than ¾-inch internal diameter and shall
6 not decrease in size from the drain pan connection to the place of condensate disposal.
7 Where the drain pipes from more than one unit are manifolded together for condensate
8 drainage, the pipe or tubing shall be sized in accordance with an approved method.

9 **CHAPTER 4 IS AMENDED AS FOLLOWS:**

10 Add Section 403.4.2.1 to read as follows:

11 **403.4.2.1 Galvanized steel pipe and fittings.** Galvanized steel pipe and galvanized
12 steel fittings (steel pipe and fittings coated in zinc) shall not be used in any fuel-gas
13 piping systems including but not limited to natural gas, propane, fuel oil, gasoline, or
14 other types of gaseous or liquid fuel.

15 Add Section 404.1.1 to read as follows:

16 **404.1.1 Valves and regulators.** Manual valves, automatic valves, and regulators shall
17 not be installed above drop ceilings or in concealed locations.

18 **CHAPTER 6 IS AMENDED AS FOLLOWS:**

1 Change Sections 624.1.1 and 624.2 to read as follows:

2 **624.1.1 Installation requirements.** The requirements for water heaters relative to
3 sizing, relief valves, drain pans and scald protection shall be in accordance with the
4 Plumbing Code.

5 **624.2 Water heaters utilized for space heating.** Water heaters utilized both to supply
6 potable hot water and provide hot water for space-heating applications shall be listed and
7 labeled for such applications by the manufacturer and shall be installed in accordance
8 with the manufacturer's instructions and the Plumbing Code.

9 **CHAPTER 8 IS AMENDED AS FOLLOWS:**

10 Change Chapter 8 by the addition of the following:

11 **IAPMO**

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International Association of Plumbing and Mechanical Officials
5001 E. Philadelphia Street
Ontario, CA 91761-2816

14 **UPC-09- Uniform Plumbing Code**

15 201.3, 301.6, 307.3, 624.1.1, 624.2

16 **SECTION FOUR. PENALTY CLAUSE.** Any person who shall violate a
17 provision of this code or shall fail to comply with any of the requirements thereof, or who
18 shall erect, construct, alter, extend, repair, remove, demolish, use, or occupy any building,
19 structure, premises, or equipment regulated by this code in violation of an approved
20 construction document or directive of the building official or the Board of Building Appeals,
21 or of a permit or certificate issued under the provisions of this code, and shall, upon

1 conviction thereof, be punished by a fine of not more than \$500, or by imprisonment not
2 exceeding 90 days, or both such fine and imprisonment. Each day that a violation continues
3 shall constitute a separate and distinct offense.

4 **SECTION FIVE. SEVERABILITY.** If a section, subsection, sentence, clause,
5 or phrase of this code is for any reason held to be unconstitutional, such decision shall not
6 affect the validity of the remaining portions of this code.

7 **SECTION SIX. SAVINGS CLAUSE.** That nothing in this Ordinance or in the
8 Fuel Gas Code hereby adopted shall be construed to affect any suit or proceeding impending
9 in any court, or any rights acquired, or liability incurred, or any cause or causes of action
10 acquired or existing under any act or ordinance hereby repealed as cited in Section Two of
11 this Ordinance; nor shall any just or legal right or remedy of any character be lost, impaired,
12 or affected by this ordinance.

13 **SECTION SEVEN. EMERGENCY CLAUSE.** This being an ordinance
14 necessary for the immediate preservation of the public safety, it is hereby declared to be an
15 emergency measure and shall become effective immediately upon its approval by the Mayor.

16 **SECTION EIGHT. CODIFIED.** It is the intent of the Board of Aldermen that
17 Sections Two, Three, and Four of this ordinance be codified in the Revised Code of the City
18 of Saint Louis.