

A BILL FOR AN ORDINANCE ADOPTING A GAS
CODE FOR THE CITY OF LEBANON AND
PROVIDING PENALTIES FOR VIOLATION
THEREOF.

) ORDINANCE BILL NO. 19
) for 1957
) ORDINANCE NO. 999

THE PEOPLE OF THE CITY OF LEBANON DO ORDAIN AS FOLLOWS:

PART I - ADMINISTRATIVE

Article 1 - Title, Purpose and Scope

Section G - 101 - Title. This Ordinance shall be known as the "Lebanon Gas Code," may be so cited and pleaded, and will be referred to herein as "this Code."

Section G - 102 - Purpose. The purpose of this Code is to provide minimum standards to safeguard life or limb, health, property and public welfare by controlling and regulating the quality and installation of gas piping and gas appliances and gas accessories in buildings within the City of Lebanon.

This Code is intended to be a performance code and to that end it should be interpreted with as much latitude as is reasonable for ingenuity of application and sales.

Compliance herewith and proper maintenance will result in an installation generally free from hazards but not necessarily efficient or convenient. This Code is to be regarded neither as a design specification, nor an instruction manual for untrained persons. Best service and results may require larger piping and better models of appliances than the minimum which is permitted.

Section G - 103 - Scope. The construction of gas appliances, piping, vents and accessories, and the manner in which they are hereafter installed at or on the consumer's premises shall conform to the requirements of this Code.

Facilities of a Utility* supplying gas service up to the point of entry into the premises of a consumer are not within the scope of this Code.

Facilities for storage or distribution of undiluted liquefied petroleum gases are not within the scope of this Code.

*See Rules and Regulations of the Public Utilities Commissioner, particularly Order #34585

Article 2 - Organization and Enforcement

Section G - 201 - Director. The administration of this Code shall be under the jurisdiction of the *Building Inspector*

Section G - 202 - Inspector. The term "Gas Inspector" as used in this Code shall mean the Director or a deputy appointed by the Director to make inspections of appliances, piping, vents, accessories and installations and administer provision of this Code.

The inspector shall have the right during reasonable hours to enter any building in the discharge of his official duties.

The Gas Inspector shall examine and check plans specifications, drawings, descriptions or other pertinent information submitted to him under the provisions of this ordinance. He shall make inspections of any and all gas installations, authorized or not by any permit, which he deems necessary for the purpose of determining whether or not such work complies with the provisions of this Code.

Section G - 203 - Hazardous Conditions. Whenever the Gas Inspector learns of the existence of any hazardous condition or that any piping, installation, appliance, or equipment regulated by this Code is dangerous, unsafe, or a menace to life, health or property or is in violation of this Code, he shall make an investigation of such conditions or violations and if he determines that a hazardous condition which is dangerous, unsafe, or a menace to life, health or property or is in violation of this Code exists, he shall order the person using or maintaining any such condition or responsible for the use or maintenance thereof to discontinue the use or maintenance thereof or to repair, alter, or remove such dangerous condition as the Inspector may consider necessary for the protection of life, or preservation of property, and the Gas Inspector may direct the gas utility supplying gas to such

pipng or appliance to discontinue supplying gas thereto until the condition complained of has been remedied. Such order shall be in writing and directed to the owner, agent of the owner, or other person in charge of the premises on which such conditions exist, and shall specify the date or time by which the direction or order shall be met, which time shall be reasonable, but shall not exceed the maximum period for which such piping or installation can be safely used or be maintained in the judgment of the Inspector. Refusal, failure, or neglect to comply with any such notice, direction, or order shall constitute a violation of this Code.

Section G 204 - Board of Appeal. There is hereby created a Board of Appeal which shall consist of three members appointed by the Mayor. They shall hold office for the term of one year, or until their successors are appointed. Said board members must be, by experience and training, qualified to pass upon the provisions of this Code.

No member of the Board of Appeal shall sit in a case in which he is interested; and, if any such case comes before the board, the Mayor shall appoint a substitute.

Meetings of the Board of Appeal shall be held at the call of the chairman or upon notice from the Mayor.

Any member of the Board of Appeal may be removed from office by the Mayor for due cause, such as malfeasance in office, incapacity, or neglect of duty. The Board of Appeal may vary the provisions of this Code in a specific case if it appears that the provisions of the Code do not cover the point raised or that a manifest injustice would be imposed; provided, that every such decision shall be by unanimous vote of the Board of Appeal and shall in no way conflict with the spirit of any provision of the Code. Decisions as to the interpretation of the Code may be determined by a majority vote. General decisions made by the board shall be unanimous. Materials

and methods equivalent to those outlined in the Code may be approved by the Director or by a majority vote of the Board of Appeal.

It shall be the duty of the Board of Appeal to submit to the Mayor on or before the first day of January each year a report giving a summary of all decisions of the board for the preceding year, with its recommendations as to desirable legislation to improve this Code or the administration of it.

Section G - 205 - Appeals. Any person who may have been ordered by the Director or a Gas Inspector to incur an expense for the alteration or installation of an appliance or any person whose application for a permit may have been refused may appeal to the Board of Appeal by serving written notice. After service upon the person interested, a hearing shall be had; and the board may, by a majority vote, affirm, annul or modify the action of the Director. The decision of the board shall have full force and effect. A copy of the decision shall be delivered to the appellant.

The appellant shall attach to his written appeal a certified check in the amount of \$10.00 executed in favor of the City Treasurer. If the appeal is not sustained by the Board of Appeal, the check shall be deposited with the City Treasurer as a fee; but, if the order of the Director is reversed, the check shall be returned to the appellant.

Section - G - 206 - Violations and Penalties. Any person, firm or corporation violating any of the provisions of this Code shall be deemed guilty of a misdemeanor, and each such person shall be deemed guilty of a separate offense for each and every day or portion thereof during which any violation of any of the provisions of this Code is committed, continued or permitted, and upon conviction of any such violation such person shall be punishable by a fine of not more than \$200.00, or by imprisonment for not more than 100 days or by both such fine and imprisonment.

Section G - 207 - Validity. If any clause, sentence, paragraph, section, article, or portion of this Code for any reason shall be adjudged invalid by a court of competent jurisdiction, such judgment shall not affect, impair or invalidate the remainder of this Code but shall be confined in its operation to the clause, sentence, paragraph, section, article, or portion of this Code directly involved in the controversy in which judgment is rendered.

Section G - 208 - Conflicting Provisions. All ordinances or parts of ordinances in conflict with this ordinance are hereby repealed.

In the event any of the provisions of this ordinance conflict with any other provisions of this ordinance or with the standards embodied in state and federal laws and rules and regulations, the provisions containing the highest standards shall be observed.

Article 3 - Permits and Fees

Section G - 301 - Permits.

a. A permit for the installation of a gas flue and for the installation, construction or remodeling of a gas piping system where the pipe passes through a concealed location, attic, crawl space, roof or an outside building wall shall be obtained under provisions of the Building Code.

b. Provided, however, that a separate permit to install gas piping or a gas flue will not be required where such flue or piping is incidental to erection of a building or installation of an appliance and is included in a permit issued under provisions of the Building Code, or paragraphs c. or d. of this section.

c. A permit shall be obtained for installation of a gas heating appliance. Appliances for which a permit is required, shall include furnaces, boilers, unit heaters, gas conversion burners, gas floor furnaces, gas in-the-wall heaters and other gas heating stoves, but shall not include those self-contained

and free-standing non-recessed stoves commonly designated and approved as circulating room heaters.

d. A permit shall be obtained for installation of a gas water heater.

Section G - 302 - Fees.

a. The fee for filing an appeal under Section G - 204 of this Code shall be \$10.00.

b. The fee for inspecting an appliance to be offered for sale or installation under provisions of Section 5 - 502b of this Code, shall be \$1.00, plus 1% of the reasonable value of the appliance. This fee shall be paid for each separate unit of equipment inspected.

c. The permit fee for installation of a gas flue, or gas piping system, shall be that provided in the Building Code.

d. The permit fee for installation of an appliance shall be as follows:

| | |
|--|--------|
| Central Furnaces and Boilers | \$3.00 |
| Unit Heaters, Conversion Burners and Floor Furnances | 2.00 |
| Other Heating Appliances for which a Permit is Required | 1.00 |
| Water Heaters | 2.00 |

e. The permit fee for installation of an appliance shall be waived when the application for the permit is made by a person or firm licensed as a heating or plumbing contractor under provisions of Ordinance No. 909.

PART II - DEFINITIONS AND ABBREVIATIONS

Article 4

Section G - 401 - Definitions and Abbreviations. For the purpose of this Code, certain abbreviations, terms, phrases, words and their derivatives shall be construed as set out in this section.

Consumer - Any person, firm, partnership, corporation, municipality, cooperative, organization, governmental agency, or similar organization receiving and utilizing a supply of fuel in the gaseous state.

Gas Utility - Any corporation, company, individual, association of individuals, or its lessees, trustees or receivers that owns, operates or controls all or part of any plant, equipment or system of gas mains for the manufacturing, transmitting or distributing gas for direct sale to consumers within the city.

Premises - For the purposes of this Code the property of any gas consumer or gas equipment dealer.

Range - For the purpose of this Code an appliance designed for cooking purposes and having a top section, or an oven section, or a combination of the two. It may have a broiling section. It may be a self-contained free standing unit or be a built-in unit. Not included is a free standing appliance, consisting of one or more open-top burners mounted on short legs or a base, known as a hot plate.

Gas Service - The gas piping leading from the gas main to the point of delivery of gas by the Utility to the consumer.

A.G.A. - The American Gas Association, Inc., with offices at 420 Lexington Avenue, New York 17, N.Y.

A.S.A. - The American Standards Association, Inc.

Psig - Pounds pressure per square inch, gage.

PART III - APPLIANCE QUALITY CONTROL

Article 5 - Quality Provisions

Section G - 501 - General Approval Requirements. All appliances, devices, equipment and accessories hereafter sold or installed shall:

- a. Be listed by a nationally recognized testing agency*, or
- b. Be acceptable to the authority having jurisdiction.

*The American Gas Association, Inc., Laboratories and Underwriters' Laboratories, Inc., are such nationally recognized agencies.

Section G - 502 - Special Approval Requirements.

- a. The Director may require that pictures, drawings,

specifications, test data and such other information as he may deem necessary be submitted to him by persons applying for approval of an appliance under paragraph b. of Section G - 501.

b. The Director may make an inspection of the appliance if he deems an inspection necessary. In the case of unlisted industrial or other specialized appliances or equipment he may require a plan or design specifications bearing the seal and signature of an engineer registered in this state. The fee required for an inspection must accompany the application or be paid prior to approval.

Section G - 503 - Special Requirements, Ranges. In addition to the requirements of the above sections the appliance, if a range, shall be provided with means to effect automatic ignition of all burners. Open type top burners, and other top section burners where the flames can be readily observed by the operator may be lighted from a standing pilot. Burners of other sections, such as ovens, broilers, warming ovens, and other sections where the flames are not readily visible, shall be under the control of an automatic pilot that will shut off the gas to such burners when there is no pilot flame to provide ignition.

Section G - 504 - Special Requirements, Used Appliances. Appliances which have previously been installed and used within the city may be re-sold and installed provided they have been listed previously by a nationally recognized testing agency, still bear the symbol of approval by the agency and are in condition to operate in a safe manner.

PART IV - INSTALLATION CONTROLS, RESIDENTIAL AND COMMERCIAL

Article 6 - Piping, Appliances, Venting

Section G - 601 - A.S.A. Z-21.30. For the purpose of prescribing regulations governing the installation of gas piping, appliances and venting in residential and commercial buildings there is hereby adopted, and by reference made a part of this Code, that

certain document "American Standard Installation of Gas Piping and Gas Appliances in Buildings," known as Z-21.30, approved by the American Standards Association, Inc., November 29, 1954, and any amendments thereto, save and except such portions as are hereinafter deleted, modified or amended. Three copies of the above mentioned document are on file in the office of the city recorder.

Section G - 602 - Deletions. The following sections of the said A.S.A. Standards, as contained in the 1954 edition, are not adopted as printed in said volume, but for the purpose of this ordinance are deleted from said volume:

Section 3.1.1
Section 4.7.7
Section 4.7.8
Section 4.7.9
Section 4.9
Section 5.1.2

Section G - 603 - Accessibility. Section 3.1.9 of the A.S.A. Standards, as contained in the 1954 edition, is not adopted as printed in said volume, but for the purpose of this ordinance said section shall read and is adopted to read as follows:

a. Every appliance shall be located so that it will be readily accessible for operation and servicing.

b. Furnace heating appliances installed in spaces under the building, not in a standard basement, shall have not less than 2-foot clearance on all sides of such appliances. A clear and unobstructed passageway to such appliances shall not be less than 3 feet wide and a 5 foot clearance below the joists.

c. Suspended or lay down models that have burner, controls, and access door to filters and fan chamber on front side and can be serviced and repaired from same side with adequate hangers or base under furnace to keep dirt from crumbling away under furnace, need only a 3 foot clearance on the front side with passageway the same as above.

d. Access to passageway to be from outside entrance through not less than 2'x2'x4' deep window well or not less than 2'x2' scuttle hole in any part of first floor directly into passageway with stationary ladder in access hole.

e. Attic installations must be accessible by full size stairway, approved foldaway stairs or approved stationary ladder.

Section G - 604 - Appliances to be Vented. Section 5.1.1 of said A. S. A. Standards, as contained in the 1954 edition, is not adopted as printed in said volume, but for the purpose of this ordinance said section shall read and is adopted to read as follows:

Appliances of the following types shall be flue or vent connected or provided with other approved means for exhausting the flue gases to the outside atmosphere.

- a. Central heating appliances, including steam and hot water boilers, warm air furnaces, floor furnaces, and recessed heaters,
- b. Unit heaters and duct furnaces,
- c. Gas-fired incinerators,
- d. Water heaters with inputs over 5,000 Btu per hour,
- e. Room heaters. This includes the space heating sections of bungalow gas ranges,
- f. Appliances equipped with gas conversion burners,
- g. Appliances which have draft hoods supplied by the appliance manufacturer, and
- h. Unlisted appliances.

Section G - 605 - Vent Tops. Section 5.5.3 of said A.S.A. Standards, as contained in the 1954 edition, is not adopted as printed in said volume, but for the purpose of this ordinance said section shall contain the following additional paragraph.

A vent stack may terminate at a point not less than 2 feet above the pitched roof through which it projects and not less than 2 feet from any part of that roof and not less than 3 feet from any

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adjoining wall or roof, provided such vent stack is fitted with a vent top, of a type acceptable to the Director, that will prevent a downdraft in the vent stack.

Article 7 - Conversion Burners

Section G - 701 - A.S.A. Z21.8. For the purpose of prescribing regulations governing the installation of domestic gas conversion burners in heating appliances originally designed for utilization of other fuels there is hereby adopted and by reference made a part of this Code that certain document "American Standard Requirements for Installation of Domestic Gas Conversion Burners," known as Z-21.8, approved by the American Standards Association, Inc., September 21, 1948, and any amendments thereto, save and except such portions as are hereinafter deleted, modified or amended. Three copies of the above mentioned document are on file in the office of the city recorder.

PART V - INSTALLATION CONTROLS, INDUSTRIAL

Article 8 - Piping for Pressures above ½ Psig

Section G -801 - Scope. Under this article appear the fundamental standards which shall be observed during the installation of gas piping, extending from the outlet of the gas meter set assembly to the inlet connections of gas utilization equipment, for industrial installations at any pressure and for all other non-residential installations at operating pressures in excess of ½ Psig.

Section G - 802 - Installation Requirements. Connections to gas piping systems shall be made with the gas shut off ahead of the point of work.

When gas burning equipment is to be installed which employs air or other gases at higher than normal gas pressure, suitable provisions shall be made to protect against reverse flow in gas lines.

When gas compressors or other equipment is used which might reduce supply pressures, suitable provisions shall be made to prevent dangerous pressure reductions on the inlet side of such devices.

Where the gas supply pressure is higher than that at which the gas utilization equipment is designed to operate, a gas pressure regulator shall be installed.

Concealed piping should be avoided.

Piping shall be properly graded to risers, drips, or to a suitable collecting point at the gas utilization equipment.

There shall be no traps in the piping.

Manual shut-offs shall be provided at appropriate points in large piping systems and also at each oven, furnace or other integral piece of gas utilization equipment.

Section G - 803 - Testing and Purging. A test for tighteners shall be made by the installer by subjecting the system to a test pressure of at least 1.5 times the proposed maximum operating pressure, but never less than 6 inches of mercury column or 3 Psig.

The system shall hold this bottled up pressure after disconnecting the pressure source for a period of time depending upon the size of the system, but not less than 10 minutes, without showing any drop in pressure after the test gas in the pipe has been given time to arrive at the ambient temperature.

Tests for leaks shall be made with approved leak detectors, or by brushing on a soap and water solution or its equivalent while the system is under pressure.

Before turning gas into a system of new gas piping, or back into an existing system after being shut off, the entire system shall be checked to make certain that there are no open fittings or ends and that all valves at outlets and equipment are closed.

After the piping system has been leak tested and pressure tested, it shall be fully purged at the most distant point from the point of entry of the gas by a hose or temporary pipe line to the outside of the building. Each major branch line shall be similarly purged at its far end.

Article 9 - Large Boilers

Section G - 901 - Adoption of A.S.A. Z-21.33. For the purpose of prescribing regulations governing the installation of gas equipment in large boilers there is hereby adopted and by references made a part of this Code that certain document "American Standard Requirements for Installation of Gas Equipment in Large Boilers," known as Z-21.33, approved by the American Standards Association, Inc., November 8, 1950, and any amendments thereto, save and except such portions as are hereinafter deleted, modified or amended. Three copies of the above mentioned document are on file in the office of the city recorder.

Article 10 - Other Industrial Installations

Section G - 1001 - General. Gas equipment not covered by standards or specifications listed in this Code must be installed in a manner which is safe; accessible for inspection, operation and servicing and acceptable to the Director. Because industrial gas applications are so varied in nature, the installing person or agency shall be responsible for taking all reasonable precautions to avoid creating a condition hazardous to persons or property.

Section G - 1002 - Type of Gas. It shall be determined that the gas equipment has been designed for use with the type of gas available at the point of utilization.

Section G - 1003 - Pressure and Volume. It shall be determined that the facilities of the Utility and the supply piping are capable of supplying an adequate volume of gas at the pressure for which the equipment has been designed to operate.

Section G - 1004 - Air Supply. The air requirements of the gas equipment to be installed and the air supply in the building in which the equipment is to be installed shall be checked to determine that sufficient air for combustion is available.

Section G - 1005 - Venting. Subject to the approval of the authority having jurisdiction, industrial gas equipment located in large and well ventilated space may be operated by discharging the products of combustion directly into the space. Hoods may be used when the process itself requires fume disposal. When the above methods and the provisions of Article No. 6 are not practical, the Director may require mechanical means of ventilating the space or open vents in the top of the roof with a total area up to 50 square inches for each therm of gas input.

PART VI - PLACING AN APPLIANCE IN OPERATION

Article 11 - Procedures to be Followed

Section 1101 - General.

a. Under this article appear the fundamental procedures to be followed in placing an appliance in operation and instructing the consumer in its safe use. Responsibility for carrying into effect the following procedures shall rest with the installing agency.

b. Burner Input

Each burner shall be adjusted to its proper input in accordance with the manufacturer's instructions. If the pilot does not function properly to turn off the gas supply in the event of pilot outage, it shall be properly serviced or replaced with new equipment.

Section 1104 - Automatic Ignition. Appliances equipped with means for automatic ignition, such as used with domestic gas range top burners, shall be checked to assure proper operation. If necessary, proper adjustments shall be made.

Section 1105 - Protective Devices

All protective devices furnished with the appliance, such as a limit control, fan control to blower, temperature and pressure relief valve, low water cut-off device and manual operating features etc., shall be checked to assure proper operation.

Section 1106 - Checking the Draft.

On flue connected appliances, the appliance shall be operated for a few minutes and the installation checked to see that the products of combustion are going up the flue or vent properly. If the products of combustion are escaping from the relief opening of the draft hood, the appliance shall not be left in operation until proper adjustments or repairs are made to assure adequate draft through the flue or vent.

Section 1107 - Instructions to the Consumer.

a. Instruct Consumer.

The consumer should be thoroughly instructed, by demonstration, how to operate the appliance properly and safely before it is left in operation.

b. Operating Instructions.

When operating instructions are furnished by the manufacturer, they shall be left with the consumer or in a prominent position near the appliance.

Passed by the Council and approved by the Mayor on this 21st day of MAY, 1957.

P. S. Logan
MAYOR

ATTEST:

Wm R. Thoms
City Recorder