

# **TITLE 3**

# **BUILDING**

**ARTICLE 1**

**GAS REGULATIONS**

- SECTION 1.** All house piping shall be of rigid construction. The pipe from the outlet of the meter shall be of iron pipe of not less than 1" inside diameter and shall enter the house wall or be securely fastened to the wall by means of suitable strap or clamp at a point not more than 18 inches from the outlet connection of the meter and if extended along the outside wall at intervals sufficient to make the piping rigid throughout. In instances where piping from meter enters the wall, the opposite end shall be securely fastened so that pipe will not turn when fittings at the meter are put on
- SECTION 2.** From any house pipe manifold, pipe to the various appliances shall be of the same dimensions as the fittings on the appliances where such appliance is designed and approved for natural gas. Where appliances are to be converted from liquefied petroleum gas, pipe from the manifold to the appliance shall be of such size as would be approved by the American Gas Association for natural gas appliances having the same B.T.U. input rating.
- From the house pipe manifold any appliance pipe may be extended a maximum distance of 40 lineal feet. For each 90 degrees turn in the appliance pipe 3 lineal feet shall be deducted from the maximum distance.
- No connection will be made with any house type manifold that has not been tested for leakage.
- SECTION 3.** All Gas Conversion Burners to be Installed shall be A.G.A. approved. All designed heating plants shall be A.G.A. approved and the Manufacturer's recommendations for the installation shall be followed.
- SECTION 4.** No conversion burner shall be installed in an old or inefficient warm air furnace which is in poor repair or in an old or leaky boiler which is in poor repair. Test for leakage shall be with oil of Wintergreen or smoke bomb on any warm air heating plant before installing a conversion burner. Furnaces must be reset if found to be leaking.
- SECTION 5.** Before connecting a flue or vent connector into any chimney, the chimney shall be examined to ascertain that it is properly constructed, clear, clean and will freely conduct the products of combustion from the gas heating appliance in question to the outer air. It is recommended that the chimney be lined, if it doesn't have a liner.
- SECTION 6.** All appliances, excepting cook stoves, with over eight thousand (8,000) B.T.U. per hour input rating must be vented. No unvented appliance excepting cook stoves, shall be placed in the same room with a gas refrigerator. An approved type vent pipe and draft diverter, shall be installed on all gas burning space heating and water heating appliances—vent pipe shall be installed with not less than ½ inch rise

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per foot of horizontal run. General rules for venting as prescribed by A.G.A. must be followed.

**SECTION 7.** All positive type catches on firing door shall be eliminated and a hinge pin and spring be installed.

**SECTION 8.** All heating plants of the down draft type shall be vented by connecting a one inch black iron pipe from the highest point of the flue passage of the heating plant to the flue pipe. The one inch iron pipe shall be welded or screwed into the furnace in a manner to assure no leakage.

**SECTION 9.** A gas shut-off shall be installed in the fuel line directly above the appliance manifold connection. Sald shut-off to be plainly marked. Gas pilot line shall be connected to fuel line ahead of Main Shut-off Valve.

A high limit control shall be installed on all heating plants. A low water cut-off control shall be installed on all gas fired steam boilers.

**SECTION 10.** All gas burning appliances shall be installed in a location in which the facilities for ventilation permit satisfactory combustion of gas and proper venting under normal conditions of use. The necessary measures shall be taken to ascertain that the above ventilation conditions are present.

**SECTION 11.** All natural gas installation work, which includes piping, appliance, and heating installation, shall be done under the supervision of a licensed plumber.