

## Gas Quality

### **UGI Utilities, Inc. will accept gas meeting the specifications below.**

The gas delivered through the measuring station shall not have or contain in excess of:

-Seven (7) pounds of water vapor per million cubic feet of gas at the base pressure and temperature of fourteen and seventy-three hundredths (14.73) pounds per square inch absolute (psia) and sixty degrees Fahrenheit (60°F). The water vapor will be determined by the use of a Bureau of Mines type dew point apparatus or in accordance with the latest approved methods in use in the industry generally;

-A hydrocarbon dew point of greater than twenty-five degrees Fahrenheit (25°F) at any operating pressure;

-Four percent (4%) by volume of a combined total of carbon dioxide and nitrogen components; provided, however, that the total carbon dioxide content shall not exceed one and twenty-five one hundredths percent (1.25%) by volume;

-Twenty-five hundredths (0.25) grains of hydrogen sulfide per one hundred (100) standard cubic feet of gas or 4 ppm;

-Two (2) grains of total sulfur per one hundred (100) standard cubic feet;

-0.02% oxygen; and the shipper will make every reasonable effort to keep the gas free of oxygen.

-Shall not contain substances such as polychlorinated biphenyl's (PCBs), or other environmentally unacceptable substances.

-One and one half (1.5%) by volume of any one butane.

-A temperature of not more than one hundred twenty degrees Fahrenheit (120°F).

The gas delivered through the measuring station shall have a gross heating value between 967 and 1,110 Btu (British Thermal Units).

The gas delivered through the measuring station shall have a Wobbe number between one thousand two hundred sixty-seven (1267) and one thousand four hundred (1400). The Wobbe number is defined as that number obtained by dividing the dry heating value of the gas by the square root of its specific gravity

The gas shall be free of objectionable odors, dust, gum, dirt, impurities, bacterial agents and other solid or liquid or hazardous matter which might interfere with its merchantability or cause injury to or interfere with proper operation of the facilities, lines, regulators, meters or other appliances through which it flows.

UGI may refuse to accept gas or may impose additional gas quality specifications and restrictions if UGI, in its reasonable judgment, determines that harm to UGI's facilities or operations could reasonably be expected to occur if it receives gas that fails to meet such additional specifications and restrictions. UGI reserves the right to refuse to accept or continue to accept gas that fails to meet such additional specifications and restrictions.