

GENERAL TERMS, CONDITIONS, RULES AND REGULATIONS
(Continued)

18. QUALITY - (Continued)

Freedom From Objectional Matter. - (Continued)

___To assure that the gas delivered by Customer/Supplier to Company conforms to the quality specifications of this Section, Customer's/Supplier's gas shall be analyzed at the point(s) of receipt from time-to-time as Company deems necessary. The gas delivered shall conform to the following gas quality specifications

Gas Quality Specifications¹

Gas Quality Parameter Specification	Low	High
Heat Content (Btu/scf) ²	967	1110
Wobbe Number (+/- 6% from 1300)	1222	1378
Water Vapor Content (lbs./MM scf)		< 7
Product Gas Mercaptans (ppmv, does not include gas odorants)		< 1
Hydrocarbon Dew Point, (°F) CHDP		15
Hydrogen Sulfide (grain/100 scf)		0.25
Total Sulfur (grain/100 scf)		20
Total Diluent Gases including the following individual constituent limits: Carbon Dioxide (CO ₂) 2% max Nitrogen (N) 4% max Oxygen (O ₂) 1% max		5%
Hydrogen		0.3%
Total Bacteria ³ (If no filter installed, then limit is 6.4x10 ⁷ per 100 scf total bacteria)	Comm Free (< 0.2 microns)	
Mercury	Comm Free (< 0.06 µg/m ³)	
Other Volatile Metals (Lead)	Comm Free (< 213 µg/m ³)	
Siloxanes as Octamethylcyclotetrasiloxane ⁴	Comm Free (< 0.5 mg Si/m ³)	
Ammonia	Comm Free (< 10 ppmv)	
Non-Halogenated Semi-Volatile and Volatile Compounds	Comm Free (< 500 ppmv)	
Halocarbons (total measured halocarbons) ⁵	< 3 ppmv	
Aldehyde/Ketones	Aldehydes/Ketones must be at a level that does not unreasonably interfere with odorization of Company's gas.	
PCBs/Pesticides	Comm Free (< 1 ppbv)	

1. For purposes of this Tariff, "Commercially Free" is defined as "Not Detectable" relative to typical pipeline gas flowing at the interconnect location that results in non-pipeline and/or RNG gas being compositionally equivalent to Company's flowing supplies. The analytical method, associated detection threshold, and testing facility shall be determined by the Company. Periodic testing will be required where potential Constituents of Concern are reasonably expected.

2. Higher Heating Value is dry, @ 14.73 psia 60°F.

3. An acceptable alternative to Total Bacteria testing would be to include installation of a 0.2 micron particulate filter, coupled with appropriate filter maintenance practices. Initial start-up testing may include filter effectiveness analysis. Customer/Supplier shall be responsible for all costs associated with acceptable alternatives, ~~including, but not limited to, initial start-up testing.~~

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KENTUCKY
PUBLIC SERVICE COMMISSION

Linda C. Bridwell
 Executive Director



EFFECTIVE
1/2/2022
 PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

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