

3. QUALITY OF GAS

- 3.1 Except as expressly set forth herein to the contrary, the Gas received or delivered by Transporter shall be a combustible Gas consisting of methane and such other hydrocarbon constituents or a mixture of two or more of them which, in any case, meets the following qualify specifications:
- (a) The Gas shall have a total heating value not less than nine hundred eighty (980) BTU per cubic foot of Gas nor greater than one thousand one hundred (1,100) BTU per cubic foot of Gas;
 - (b) Transporter may not refuse to accept delivery of Gas with a hydrocarbon dew point equal to or less than 15 degrees Fahrenheit, provided that such Gas satisfies all other applicable provisions of Transporter's Tariff.
 - (1) To the extent operationally practicable through aggregation or other reasonable means, Transporter may accept Gas with a higher hydrocarbon dew point than that established in 3.1(b), but not exceeding (.032) gallons per Mcf (GPM) of C6+.
 - (c) The Gas shall be commercially free, under continuous Gas flow conditions, from objectionable odors, solid matter, dust, gums, gum-forming constituents, water or any other solid or liquid matter which might cause damage to or interference with proper operations of the pipeline, compressor stations, meters, regulators or other appliances through which the Gas flows;
 - (d) The Gas shall not have uncombined oxygen content in excess of two-tenths (0.2) of one percent (1%) by volume;
 - (e) The Gas shall not contain more than three (3.0%) by volume, of a combined total of carbon dioxide and nitrogen;
 - (f) The Gas shall not contain more than one-quarter (0.25) grain of hydrogen sulfide per one-hundred (100) cubic feet;
 - (g) The Gas shall not contain more than ten (10) grains of total sulphur, excluding any mercaptan sulphur, per one-hundred (100) cubic feet;
 - (h) The flowing Gas shall not have a temperature of more than one-hundred twenty degrees (120) Fahrenheit.
 - (i) The Gas shall be free of water and hydrocarbons in liquid form at the temperature and pressure at which the Gas is received and delivered.

- (j) The Gas shall not contain in excess of seven (7) pounds of water vapor per million cubic feet;
 - (k) The Gas shall not contain, either in the Gas or in any liquids with the Gas, any microbiological organism, active bacteria or bacterial agent capable of contributing to or causing corrosion and/or operational and/or other problems. Microbiological organisms, bacteria or bacterial agents include, but are not limited to, sulfate reducing bacteria (SRB) and acid producing bacteria (APB). Tests for bacteria or bacterial agents shall be conducted on samples taken from the meter run or the appurtenant piping using American Petroleum Institute (API) test method API-RP38 or any other test method acceptable to Transporter and Shipper which is currently available or may become available at any time.
- 3.2 The test equipment and methodology utilized by Transporter to determine whether Gas meets the quality specifications set forth in Section 3.1 shall be posted on its LINK® System.
- 3.3 At Transporter's request, Shipper shall use all reasonable efforts to obtain and provide to Transporter all records regarding Gas quality kept by upstream pipelines transporting the Gas received by Transporter for Shipper's account. Shipper shall use all reasonable efforts to ensure and verify for Transporter that such upstream pipelines are using appropriate equipment to monitor compliance with the Gas quality specifications applicable on Transporter's system as stated in this Section 3.
- 3.4 If the Gas tendered for Shipper's account to Transporter shall fail at any time to conform to any of the specifications set forth in this Section 3 or in Transporter's reasonable judgment, may cause harm to its facilities or diminish the quality of Gas in the system, then Transporter shall have the right, after either written, oral or telephonic notice to Shipper, to refuse to accept all or any portion of such quality deficient Gas. In the event Transporter refuses to accept Gas tendered by Shipper because such Gas does not conform to the specifications set forth herein, Shipper shall not be relieved of its obligation to pay any Reservation Charge provided for in Shipper's Agreement. If the Gas tendered by Transporter for Shipper's account shall fail at any time to conform to any of the specifications set forth in this Section 3 then Shipper shall notify Transporter of such deficiency and may, at its option, refuse to accept delivery pending correction by Transporter.
- 3.5 Transporter may waive the requirements set forth in Section 3.1 in order to allow Shipper to tender, or cause to be tendered, Gas which does not when injected into Transporter's pipeline meet the quality specifications set forth in Section 3.1; provided that Transporter's acceptance of such Gas shall not adversely impact Transporter's system facilities or operations, and further provided that once such Gas has been blended, to the extent blending occurs, the commingled Gas stream

at any Delivery Point on Transporter's system shall be compliant with the quality specifications set forth in Section 3.1. Transporter shall implement this Section 3.5 on a non-discriminatory basis and may cancel any waiver at any time if necessary to assure that the commingled Gas stream is compliant with the quality specifications set forth in Section 3.1 at any Delivery Point on Transporter's system.

- 3.6 Odorization. Transporter shall have no obligation to odorize the Gas tendered by Shipper other than to conform to the regulations of appropriate governmental authorities having jurisdiction. However, if Transporter odorizes the Gas, such odorization shall be by use of a malodorant agent of such character as to indicate by a distinctive odor the presence of Gas. Whenever odorized Gas is delivered, the quality and specifications, as set forth in this Section 3, of such Gas shall be determined prior to the addition of malodorant or with proper allowance for changes or additions due to such malodorant. Such odorization of the Gas by Transporter shall be for the purpose of detection of the Gas only during the time when the Gas is in the possession of Transporter, prior to delivery to the Shipper.