Utilized Gas Quality Industry Standards

Gas Chromatography:

- Sampling
  GPA 2166
  (Obtaining Natural Gas Samples for Analysis by Gas Chromatography)
- Analysis
  GPA 2261
  (Analysis for Natural Gas and Similar Gaseous Mixtures by Gas Chromatography)
  GPA 2286
  (Tentative Method for the Extended Analysis for Natural Gas and Similar Gaseous Mixtures by Temperature Programmed Gas Chromatography)
  GPA 2198
  (Selection, Preparation, Validation, Care and Storage of Natural Gas and Natural Gas Liquids Reference Standard Blends)
- Calculation Methodology
  GPA 2145
  (Table of Physical Constants of Paraffin Hydrocarbons and Other Components of Natural Gas)
  GPA 2172
  (Calculation of Gross Heating Value, Relative Density, Compressibility and Theoretical Hydrocarbon Liquid Content for Natural Gas Mixtures for Custody Transfer)

Online Analyzers:

- Moisture
  Tunable Laser Diodes (TLD)
  ASTM D5454
  (Standard Test Method for Water Vapor Content in Gaseous Fuels Using Electronic Moisture Analyzer)

- Hydrogen Sulfide
  Tunable Laser Diodes (TLD)
  ASTM D4084
  (Standard Test Method for Analysis of Hydrogen Sulfide in Gaseous Fuels – Lead Acetate Reaction Rate Method)

- Oxygen
  Tunable Laser Diodes (TLD)

Field Tests:

- ASTM D 4984

(Standard Test Method for Carbon Dioxide in Natural Gas Using Length of Stain Detector Tubes)

- ASTM D 4810

(Standard Test Method for Hydrogen Sulfide in Natural Gas Using Length-of-Stain Detector Tubes)

- ASTM D 4888

(Standard Test Method for Water Vapor in Natural Gas Using Length-of-Stain Detector Tubes)