

Tallgrass Natural Gas Quality Methodology

Calculation Standards

Calculated Value	Standard(s) Followed
Compressibility	AGA8 Part 1 Detail
Speed of Sound	AGA8 Part 1 Detail, AGA9
Heating Value	GPA2172, GPA2145
Relative Density (Specific Gravity)	GPA2172, GPA2145
Hydrocarbon Dewpoint	NIST REFPROP, Peng Robinson

Procedural Standards

Procedure	Standard(s) Followed
Spot or Composite Sample	API 14.1, GPA 2166
Gas Chromatography	API 14.1, GPA 2172, GPA 2145, GPA 2261
H2S Measurement	ASTM 4810, ASTM 8488
Total Sulfur	ASTM D 3246
H2O Measurement	GPA2145, ASTM D 7904
O2 Measurement	ASTM D 7607