

Summary Information

Flow Computer ID: Von2202
Operator's PC Date: 11/9/2022 8:50:49AM
Flow Computer Date: 11/9/2022 8:50:47AM
Meter data reporting period: 1 second(s)

Run 1 Information

Sensor Type: 4202 DR Sensor Tag: Von2202 Run ID: Von2202
Flow Run Type: Gas

Meter Parameters

Flow Calculation Type: AGA-3 (1992)
Density Calculation Type: AGA-8 Detailed
Differential Pressure at Zero Scale: 0.000 in H2O at 60F
Differential Pressure at Full Scale: 299.751 in H2O at 60F
Static Pressure at Zero Scale: 0.000000 psi
Static Pressure at Full Scale: 800.000000 psi
Temperature at Zero Scale: -58.000 F
Temperature at Full Scale: 500.000 F
Static Pressure tap location: Up Stream
Static Pressure tap type: Absolute Pressure

Flow Configuration

Orifice Material: Stainless Steel
Pipe Material: Carbon Steel
Orifice Diameter: 0.375 inches
Orifice Reference Temperature: 68.00 F
Pipe Diameter: 2.067 inches
Pipe Reference Temperature: 68.00 F
Isentropic Exponent: 1.3000
Viscosity: 0.010268 cP
Flow Extension: Method 1

Gas Analysis

Methane CH4: 93.680%
Nitrogen: 3.911%
Carbon Dioxide: 0.365%
Ethane C2H6: 1.051%
Propane C3H8: 0.487%
Water: 0.000%
Hydrogen Sulfide: 0.000%
Hydrogen: 0.000%
Carbon Monoxide: 0.000%
Oxygen: 0.000%
i-Butane: 0.148%
n-Butane: 0.149%
i-Pentane: 0.053%
n-Pentane: 0.021%
Helium: 0.000%
Argon: 0.000%
n-Hexane: 0.135%

n-Heptane: 0.000%
n-Octane: 0.000%
n-Nonane: 0.000%
n-Decane: 0.000%
Configuration Events: Log Changes
Relative Density (Specific Gravity): Calculated
Heating Value: Calculated

Current Run Readings for As Found of Run 1

Time as found: Wednesday, November 09, 2022 08:51:00
Flow Volume as found: 8.981 MCF
Static Pressure as found: 35.195 psia
Differ. Pressure as found: 19.876 in H2O at 60F
Temperature as found: 47.331 F
Monthly Volume as found: 198.042 MCF

Calibrate Sensor1

Temperature: Lower Range Limit: -328.000000 Upper Range Limit: 1562.000000
Static Pressure: Lower Range Limit: 0.000000 Upper Range Limit: 1500.000000
Differential Pressure: Lower Range Limit: -299.999939 Upper Range Limit: 299.999939
Forced value of Static Pressure: 35.195 psia
Forced value of Temperature: 46.982 F
Forced value of Differential Pressure: 19.771 in H2O at 60F
As Found For Differential Pressure: Applied: 0.000 Measured: -0.048 in H2O at 60F Deviation: -0.016%
Sensor Re-zero for Differential Pressure: Applied Value: 0.000 Measured Value: -0.053 in H2O at 60F
After Re-Zero for Differential Pressure: Applied Value: 0.000 Measured Value: 0.000 in H2O at 60F
As Left For Differential Pressure: Applied: 0.000 Measured: 0.001 in H2O at 60F Deviation: 0.000%
As Left For Differential Pressure: Applied: 250.000 Measured: 251.628 in H2O at 60F Deviation: 0.543%
Sensor Span Calibration for Differential Pressure: Applied Value: 250.000 Measured Value: 251.670 in H2O at 60F
After Span for Differential Pressure: Applied Value: 250.000 Measured Value: 249.924 in H2O at 60F
As Left For Differential Pressure: Applied: 250.000 Measured: 249.986 in H2O at 60F Deviation: -0.005%
As Left For Differential Pressure: Applied: 25.000 Measured: 25.028 in H2O at 60F Deviation: 0.009%
As Found for Static Pressure: Applied: 12.700 Measured: 12.281 psia Deviation: -0.028%
Sensor Re-zero for Static Pressure: Applied Value: 12.700 Measured Value: 12.281 psia
After Re-Zero for Static Pressure: Applied Value: 12.700 Measured Value: 12.702 psia
As Left for Static Pressure: Applied: 12.700 Measured: 12.686 psia Deviation: -0.001%
As Left for Static Pressure: Applied: 250.000 Measured: 250.185 psia Deviation: 0.012%
As Left for Static Pressure: Applied: 40.000 Measured: 40.073 psia Deviation: 0.005%
As Found for Temperature: Applied: 47.000 Measured: 46.405 F Deviation: -0.031%

Current Run Readings for As Left of Run 1

Time as left: Wednesday, November 09, 2022 09:00:11
Flow Volume as left: 9.132 MCF
Static Pressure as left: 12.713 psia
Differ. Pressure as left: -0.001 in H2O at 60F
Temperature as left: 45.939 F
Monthly Volume as left: 198.193 MCF

User Comments:

Reset Clock.

Calibrated Meter.

Reset Diff Zero and Span.

Reset Static Zero.

11/9/2022. BJ