



Trace Analytics, Inc.

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AirCheck Report™

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Customer No.: 1182

Report No.: 09-15150

SAFAIR
Mr. Doug Shattuck
PO Box 545
Sherburne NY 13460

Date Received: Mon, July 13, 2009

Date Analyzed: Mon, July 13, 2009

Date Reported: Tue, July 14, 2009

Sampled By: Douglas Shattuck

Date Sampled: Tue, July 7, 2009

Air Source ID: Eagle Compressor, Model
KA5E3B, S/N 89-7280-07,
Routine

Sampled for South Plattsburgh

Results vs NFPA 1989-2008 & CGA G-7.1-2004 Grade E Gas Quality Specification

Limiting Characteristic	Concentration			QC Results, %*	
	Source	Ambient	Specification	Accuracy	Precision
Oxygen, Volume %	21.1	N/A	20.0-22.0	100	0.0
Nitrogen / Argon, Volume %	78.0 / 0.9	N/A / N/A	75 - 81	100	0.0
Carbon Monoxide (CO), ppmv	<0.3	N/A	5	101	1.1
Carbon Dioxide (CO ₂), ppmv	314	N/A	1000	100	0.6
Water (H ₂ O), ppmv/Dewpoint, °F	3.5 / -91	N/A	24 / -65 (W)	101	0.5
Total Volatile Hydrocarbon Content (TVHC)	TVHC (including CH ₄), ppmv	2.6	N/A	25	101
	Methane (CH ₄), ppmv	2.6	N/A	N/A	101
	TVHC (excluding CH ₄), ppmv	<0.7	N/A	25	101
Oil (condensed) & Particulate, mg/m ³	<0.03	N/A	2	100	0.2
Odor (provided by customer)	Not Pronounced	N/A	Not Pronounced	N/A	N/A
Atmospheric Dew Point, °F (DT)	-87	N/A	N/A	N/A	N/A
Other	N/A	N/A	N/A	N/A	N/A
Other	N/A	N/A	N/A	N/A	N/A

This sample COMPLIES with the air/gas quality portion of the above referenced specification.

Customer Comments

645 Hours

TEST NOTES

(W) Dew point is expressed in °F at one atmosphere pressure absolute.
(DT) Trace Analytics is not accredited for this analysis. Dew point calculated from the Detector Tube reading. A difference between the laboratory and detector tube values not uncommon and may caused by a slight amount of water condensation that the detector tube picks up, but that is flushed through the bottle holder by the end of the 10 minute sampling period. "Not Provided" indicates the Data Sheet did not contain adequate information for a calculation.

*Accuracy relates observed to expected results (100% is complete agreement). Precision relates to reproducibility (0.0% is complete agreement).

Analytical Test Methods	Gases & Vapors Oil & Particulate Particle Size	CAT-A-01 CAT-A-03 CAT-A-04	Gas Chromatography/Mass Spectrometry Analytical Gravimetry Optical Microscopy	Media Sample Numbers	Source Bottle: 717110 Source Filter: 125818 Ambient Bottle: N/A
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Accredited In The Chemical Field of Testing

Richard A. Smith

Richard A. Smith, C.I.H., Laboratory Director

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Trace Analytics, Inc. CERTIFIES THAT

South Plattsburgh

is in compliance with the air/gas quality portion of the specification:

NFPA 1989-2008 & CGA G-7.1-2004 Grade E

for a sample described as from the compressed gas source

Eagle Compressor, Model KA5E3B, S/N 89-7280-07, Routine

analyzed on 7/13/09 as documented in Report No. 09-15150.

DATE LAST SAMPLED: 7/7/2009
SAMPLING SCHEDULE: Quarterly
THE NEXT SAMPLE IS DUE APPROXIMATELY
10/7/2009

Richard A. Smith

Richard A. Smith, C.I.H. Laboratory Director

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Austin, TX 78738 800-AIR-1024

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