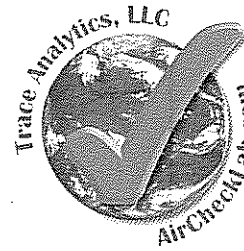


# AirCheck Report and Certificate™

From:  
Trace Analytics, LLC  
15768 Hamilton Pool Road  
Austin, Texas 78738  
  
800-247-1024 • 512-263-0000  
Fax 512-263-0002  
E-mail [service@AirCheckLab.com](mailto:service@AirCheckLab.com)

To:  
Mr. Doug Shattuck  
SAFAIR  
PO Box 545  
Sherburne, NY 13460

# TRACE ANALYTICS, LLC



Report 11-16074, Sampled on

**6/9/2011**

# ANALYSIS CERTIFICATE

Next Sample Due Quarterly, Approximately

**9/9/2011**

## SOUTH PLATTSBURGH F.D.

IS IN COMPLIANCE WITH THE AIR/GAS QUALITY PORTION OF THE SPECIFICATION:

**NFPA 1989-2008 & CGA G-7.1-2004 GRADE E**

AS ANALYZED AND REPORTED ON THIS CERTIFICATE

FOR THE SAMPLE DESCRIBED UNDER SECTION "SAMPLE & REPORT INFORMATION"



American Assn for Laboratory Accreditation  
1991: Certificate No. 322.01 Chemical Field of Testing

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

Analytical Test Methods	Media Sampled	Estimate of Uncertainty
Gases & Vapors CAT-A-01 Gas Chromatography/Mass Spectrometry	Source Bottle: 725829	The average analytical uncertainty (k=2) is 99.8±2.4% (relative) at the specification limit for the ten compounds normally reported. For uncertainty information for a specific compound, contact Trace.
Oil & Particulate CAT-A-03 Analytical Gravimetry	Ambient Bottle: N/A	
Particle Size CAT-A-04 Optical Microscopy	Source Filter: 138936	

Results relate only to items tested. This report shall not be reproduced except in full without the written permission of Trace Analytics, LLC

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### Sample & Report Information

Results of Test: **PASS**

Sampled For	South Plattsburgh F.D.	Analytes	Source Results	Ambient Results	Specification <sup>1</sup> Allowable Limits
Sampled By	Douglas Shattuck	Oxygen, Volume %	20.8	N/A	20.0-22.0
Sampled On	6/9/2011	Nitrogen, Volume %	78.3	N/A	75.0-81.0
Received On	7/10/2011	Argon, Volume %	0.9	N/A	N/A
Analyzed On	7/10/2011	Nitrogen Plus Argon, Volume %	79.2	N/A	N/A
Sampled From:	Compressor	Carbon Monoxide (CO), ppmv	<0.3	N/A	5
Sample Point:	Routine	Carbon Dioxide (CO <sub>2</sub> ), ppmv	248	N/A	1000
Make:	Eagle	Water Content (H <sub>2</sub> O), ppmv/Dewpoint, °F	<3.4 / <-91	N/A	24 / -65 (W)
Model:	T215G	Atmospheric Dew Point, °F (DT)	-74	N/A	N/A
		TVHC (including CH <sub>4</sub> ), ppmv	2.6	N/A	25
		Methane (CH <sub>4</sub> ), ppmv	2.6	N/A	N/A
		TVHC (excluding CH <sub>4</sub> ), ppmv	<0.7	N/A	25
Hours:	97	Oil (condensed) & Particulate, mg/m <sup>3</sup>	<0.04	N/A	2
Customer Comments		Odor (provided by customer)	Not Pronounced	N/A	Not Pronounced
		Other	N/A	N/A	N/A
		Other	N/A	N/A	N/A
		Other	N/A	N/A	N/A

**PASS**

(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 is not uncommon and may be 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.

Report Number 11-16074

Customer ID 1182

Date Reported 7/11/2011

Frequency Quarterly

Next Sample Due Approx. **9/9/2011**