



Trace Analytics, Inc.

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AirCheck Report™

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Customer No.: 593

Report No.: 09-99999

Anytown Fire Dept.
Ch. R. Jones
123 Avenue
Anytown USA 12345

Date Received: Tue, October 10, 2006
Date Analyzed: Tue, October 10, 2006
Date Reported: Mon, April 30, 2007
Sampled By: A.B. Jones
Date Sampled: Mon, October 9, 2006
Air Source ID: Compressor 1, SN 09876 5432

Results vs NFPA 1989-2003 Gas Quality Specification

Limiting Characteristic	Concentration			QC Results, %*	
	Source	Ambient	Specification	Accuracy	Precision
Oxygen, Volume %	20.9	N/A	19.5-23.5	99	1.4
Nitrogen / Argon, Volume %	78.2 / 0.9	N/A / N/A	N/A - N/A	101	1.4
Carbon Monoxide (CO), ppmv	<0.3	N/A	10	100	0.8
Carbon Dioxide (CO ₂), ppmv	430	N/A	1000	102	3.0
Water (H ₂ O), ppmv/Dewpoint, °F	6.1 / -84	N/A	24 / -65 (W)	99	0.6
Total Volatile Hydrocarbon Content (TVHC)	TVHC (including CH ₄), ppmv	2.3	N/A	25	101
	Methane (CH ₄), ppmv	2.3	N/A	N/A	102
	TVHC (excluding CH ₄), ppmv	<.07	N/A	N/A	101
Oil (condensed) & Particulate, mg/m ³	<0.02	N/A	5	100	0.1
Odor (provided by customer)	None/Slight	N/A	None/Slight	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
Other	N/A	N/A	N/A	N/A	N/A

This sample COMPLIES with the above referenced specification.

Customer Comments

(W) Dew point is expressed in °F at one atmosphere pressure absolute.

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*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: 721208 Source Filter: 116540 Ambient Bottle: N/A
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Richard A. Smith
Richard A. Smith, C.I.H., Laboratory Director