



Trace Analytics, Inc.

15768 Hamilton Pool Road • Austin, Texas 78738
Voice: 800-AIR-1024 or 512-263-0000 • Fax: 512-263-0002
E-mail: Service@AirCheckLab.com

AirCheck Report™

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Customer No.: 3041

Report No.: 05-01380

Fantasy Island Resort
Ms. Amalia Vidal
French Harbour, Roatan
Bay Islands
Honduras

Date Received: Wed, January 26, 2005
Date Analyzed: Wed, January 26, 2005
Date Reported: Thu, January 27, 2005
Sampled By: Illegible
Date Sampled: Tue, January 18, 2005
Air Source ID: Alkin, Model W4-15-3-10 SPGN,
S/N 942727A

Results vs CGA G-7.1-2004 Grade E(2) Gas Quality Specification

This sample COMPLIES with the above referenced specification.

Limiting Characteristic	Concentration			Reasons for Non-Compliance
	Source	Ambient	Specification	
Oxygen, Volume %	20.9	N/A	20-22	
Nitrogen / Argon, Volume %	78.2 / 0.9	N/A / N/A	N/A / N/A	
Carbon Monoxide (CO), ppmv	1.5	N/A	10	
Carbon Dioxide (CO ₂), ppmv	341	N/A	1000	
Water (H ₂ O), ppmv/Dewpoint, °F	3.4/ -91	N/A	N/A/N/A (W)	
Total Volatile Hydrocarbon Content (TVHC)	TVHC (including CH ₄), ppmv	3.8	N/A	25
	Methane (CH ₄), ppmv	1.8	N/A	N/A
	TVHC (excluding CH ₄), ppmv	2.0	N/A	N/A
Oil (condensed) & Particulate, mg/m ³	<0.03	N/A	5	
Odor (provided by customer)	None/Slight	N/A	None/Slight	
Other	N/A	N/A	N/A	

Customer Comments

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(2) Water content is reported although not required by CGA G-7.1 for breathing air not used in conjunction with SCBA.
(W) Dew point is expressed in °F at one atmosphere pressure absolute.

*Accuracy relates observed to expected results (100%=complete agreement). Precision relates to reproducibility (0.0%=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: 721349 Source Filter: 112970 Ambient Bottle: N/A
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Trace Analytics, Inc. CERTIFIES THAT



the sample described above is in compliance with the compressed breathing air specification noted in this report.

NEXT SAMPLE IS DUE
4/18/2005



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American Association for Laboratory Accreditation
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Accredited In The Chemical Field of Testing

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

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