



# 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™

Copyright© 2006 Trace Analytics, Inc.

Customer No.: 3041

Report No.: 06-18396

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

Date Received: Fri, October 13, 2006  
Date Analyzed: Fri, October 13, 2006  
Date Reported: Mon, October 16, 2006  
Sampled By: Amalia Vidal  
Date Sampled: Wed, October 4, 2006  
Air Source ID: Alkin Compressor, S/N  
W415310FP617, 2006 310bar 600,  
915 mm 15km 3 hr 220v

### 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 %	20.7	21.0	20-22	
Nitrogen / Argon, Volume %	78.4 / 0.9	78.1 / 0.9	N/A / N/A	
Carbon Monoxide (CO), ppmv	1.5	1.3	10	
Carbon Dioxide (CO <sub>2</sub> ), ppmv	322	604	1000	
Water (H <sub>2</sub> O), ppmv/Dewpoint, °F	3.7/ -90	N/A	N/A/N/A (W)	
Total Volatile Hydrocarbon Content (TVHC)	TVHC (including CH <sub>4</sub> ), ppmv	2.0	11.2	25
	Methane (CH <sub>4</sub> ), ppmv	2.0	2.2	N/A
	TVHC (excluding CH <sub>4</sub> ), ppmv	<0.7	9.0	N/A
Oil (condensed) & Particulate, mg/m <sup>3</sup>	<0.01	N/A	5	
Odor (provided by customer)	None/Slight	N/A	None/Slight	
Other	N/A	N/A	N/A	

Customer Comments

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

\*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: 725099 Source Filter: 121408 Ambient Bottle: 417845
-------------------------	--	----------------------------------	---	----------------------	--

### Trace Analytics, Inc. CERTIFIES THAT



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

NEXT SAMPLE IS DUE  
1/4/2007



Accredited Since 1991 By  
American Association for Laboratory Accreditation  
A2LA Certificate No. 322.01  
Accredited In The Chemical Field of Testing

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

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