



**Air
Quality
Laboratories, Inc.**

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ANALYTICAL REPORT

Report ID: R00-0000

RNB & Associates, Inc.
 961 Doral Dr.
 Bartlett, IL 60103
 Attn: Mr. Robert Bucaro

Sample Location: Fire Department Name
 Sampled By: R. Bucaro
 Sample Source ID: Your Compressor BAM12345
 SN: 678910
 Date Sampled: July 20, 2003
 Date Received by AQL: July 20, 2003
 Date Analyzed / Reported: July 21, 2003 / July 22, 2003
 Sample Numbers: S000321, F000123

Quality Control

LIMITING CHARACTERISTICS:	Units	CGA / NFPA STANDARDS	SOURCE SAMPLE	AMBIENT SAMPLE	Accuracy as % Recovery	Precision As % RSD
Carbon Dioxide	ppm v/v	1000	370	NA	100	1.7
Carbon Monoxide	ppm v/v	10	<1.0	NA	102	0.6
Dewpoint (°F) / Water	ppm v/v	-65 / 24	-77 / <10	NA	96	1.5
Odor (determined by sampler)		none / slight	none / slight	NA	NA	NA
Oil (condensed) & Particulates	mg/m ³	5	<0.2	NA	100	0.0
Oxygen	% v/v	20 - 22	20.9	NA	101	0.9
Total Hydrocarbon Content (as methane)	ppm v/v	25	<5	NA	98	0.3
Methane	ppm v/v	NA	2.2	NA	95	0.6
OTHER CHARACTERISTICS:						
Argon	% v/v	NA	0.9	NA	95	5.5
Nitrogen	% v/v	NA	78.2	NA	100	0.1

Analytical Methods: Hydrocarbons / Fixed Gases & Water – GC Method, AN-1, January 03, 2001 Revision 4
 Condensed Oil & Particulates – Gravimetric Method, AN-2, January 03, 2001 Revision 3

Standard References: CGA G-7.1 - 1997 Grade E Air Quality Specifications
 NFPA 1989 - 2003 Breathing Air Quality for Fire & Emergency Services, Chapters 5 & 6
 NFPA 1500 - 2002 Fire Department Occupational Safety & Health Program, 7.10.1

Compliance: This sample is in compliance with the referenced standards. Refer to the attached Certificate of Compliance.

Laboratory Comments:

Client Comments:
 96.97 Hours

Results relate only to the item tested. Report documents shall not be reproduced except in full, without written approval of AQL.

SAMPLE

Robert N. Bucaro, CSP
 Laboratory Director
 Certified Safety Professional