

**Air
Quality
Laboratories, Inc.**

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ANALYTICAL REPORT

Report ID: R19-0320

Casco Industries, Inc.
 1517 WN Carrier Pkwy, Suite 118
 Grand Prairie, TX 75050
 Attn: Dewey Davidson

Sample Location: Rice Volunteer Fire Department
 Sampled By: Dewey Davidson
 Sample Source ID: Bauer Compressor H10-0
 SN: 123329
 Date Sampled: November 20, 2019
 Date Received by AQL: November 25, 2019
 Date Analyzed / Reported: Dec. 19, 2019 / Dec. 20, 2019
 Sample Numbers: S006717, F006715

Quality Control

LIMITING CHARACTERISTICS:		NFPA STANDARDS	SOURCE SAMPLE		Accuracy as % Recovery	Precision As % RSD
	Units					
Carbon Dioxide	ppm v/v	1000	591		100	0.2
Carbon Monoxide	ppm v/v	5	<0.5		104	3.9
Condensed Oil & Particulate	mg/m ³	2	<0.2		100	0.0
Nitrogen	% v/v	75 - 81	77.7		99	0.6
Odor	(determined by sampler)	no / slight odor	no / slight odor		NA	NA
Oxygen	% v/v	19.5 - 23.5	21.4		102	2.1
Total Non-Methane Volatile Organic Compounds - VOCs (as methane)	ppm v/v	25	<1		103	1.0
Water	ppm v/v	24	<3		105	4.9
OTHER CHARACTERISTICS:						
Methane	ppm v/v	NA	2.1		103	1.0

Analytical Methods: Hydrocarbons / Fixed Gases & Water – GC Method, AN-1, January 05, 2009 Revision 6
 Condensed Oil & Particulates – Gravimetric Method, AN-2, January 03, 2001 Revision 3

Standard References: NFPA 1989 - 2019 Breathing Air Quality for Fire & Emergency Services, Chapter 5.6
 NFPA 1500 - 2018 Fire Department Occupational Safety & Health Program, Chapter 7.11

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

Laboratory Comments:

Client Comments: Compressor Hours – 23.9
 Regular periodic testing from stored air
 Purification filter last changed: 10/10/2011

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

Robert N. Bucaro

Robert N. Bucaro, CSP
 Laboratory Director
 Certified Safety Professional

Certificate of Compliance

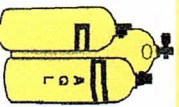
Rice Volunteer Fire Department

is in compliance with the Breathing Air Quality requirements of the
NFPA 1989-2019 (5.6) and NFPA 1500-2018 (7.11) Standards
as documented by the source sample collected on 11/20/19 described as

Bauer Compressor H10-0 SN: 123329

Analyzed by AQL On 12/19/2019 with Report R19-0320 attached

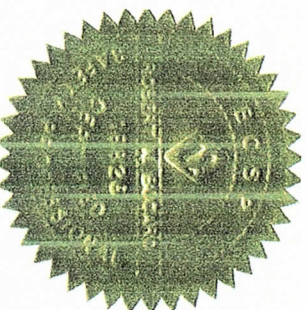
AQL Certified



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630-830-4018

Robert N. Bucaro

Robert N. Bucaro, CSP
Laboratory Director
Certified Safety Professional



Sampling Frequency: Random
Next Sample Due Date:
As Needed

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