



AIR

Quality

Laboratories, Inc.

961 Doral Drive, Bartlett, IL 60103-3030

Phone: (630) 830-4018

rbucaro@airqualitylabs.com

brandon@airqualitylabs.com

http://www.airqualitylabs.com

ANALYTICAL REPORT

Report ID: R22-0057

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: March 05, 2022
Date Received: March 11, 2022
Date Analyzed / Reported: Mar. 15, 2022 / Mar. 17, 2022

Sample Numbers: S007324, F007359

				Quality Control	
LIMITING CHARACTERISTICS:		NFPA STANDARDS	SOURCE SAMPLE		
	Units			Accuracy as % Recovery	Precision As % RSD
Carbon Dioxide	ppm v/v	1000	445	99	0.1
Carbon Monoxide	ppm v/v	5	<0.5	102	2.0
Condensed Oil & Particulate	mg/m ³	2	<0.2	100	0.0
Nitrogen	% v/v	75 - 81	78.6	99	0.6
Odor	(determined by sampler)	no / slight odor	no / slight odor	NA	NA
Oxygen	% v/v	19.5 - 23.5	20.5	101	2.4
Total Non-Methane Volatile Organic Compounds - VOCs (as methane)	ppm v/v	25	<1	102	6.1
Water	ppm v/v	24	<10	106	5.6
OTHER CHARACTERISTICS:					
Methane	ppm v/v	NA	1.0	102	6.1

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 – 34
Regular periodic testing from stored air
Purification filter last changed: 0

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

Robert N. Bucaro, CSP
Laboratory Director
Certified Safety Professional Ret.

