



Rec & Tek SCUBA Inc.

is in compliance with the air/gas quality portion of the specification:

CSA Z180.1-2019 & Oxygen Compatible Air-2003 (I)

as analyzed and reported on this pertificate for the sample described under section "sample & report information"

as analyzeu anu reporteu un tins certinicate ioi the samble describeu unuei section samble & report iniumation										
Analytical Test Met	hods:		Media Sampled:		Estimate of Uncertainty:					
Gases & Vapors:	CAT-A-01	Gas Chromatography/Mass Spectrometry	Source Bottle:	7009239	The average estimate of uncertainty at standard specification limits for 10					
Oil & Particulate:	CAT-A-03	Analytical Gravimetry	Ambient Bottle:		compounds normally reported is ±3.24%, at a 95% confidence interval					
Particle Size:	CAT-A-04	Optical Microscopy	Source Filter:	9020	(k=2). For more detailed uncertainty information, contact Trace Analytics,					
Pressure Dew Point:	CAT-A-07	Gas Detector Tube	Detector Tube:	Draeger 5-a/P	LLC.					

_	
⊢rom	٠.
I I UII	١.

Trace Analytics, LLC 15768 Hamilton Pool Road Austin, Texas 78738

To:

MR. MITCHELL WILSON **REC & TEK SCUBA INC. 529 UPPER SHERMAN AVENUE** HAMILTON, ON L8V 3L9 CANADA

કા: ા	PASS				Sample & Re	port information
	Analytes	Source Results (1)	Ambient Results	Specification Allowable Limits	Sampled For	Rec & Tek SCUBA Inc.
	Oxygen, Volume %	20.8	N/A	20-22	Sampled By	Glenn Turner
	Nitrogen, Volume %	78.3	N/A	N/A	Sampled On	1/18/2023
	Argon, Volume %	0.9	N/A	N/A	Received On	1/23/2023
	Nitrogen Plus Argon, Volume %	79.2	N/A	78-80	Analyzed On	1/24/2023
	Carbon Monoxide (CO), ppmv	< 0.5	N/A	2	Sampled From	Compressor
-	Carbon Dioxide (CO2), ppmv	357	N/A	500_	Make	Bauer
	Water Content (H2O), ppmv/Dewpoint, °F (DT)	25 / -64	N/A	27 / -63 (W)	Model	K-12-3EU
	TVHC (including CH4), ppmv	3.2	N/A	15	Serial No.	96 / 1945 / 07
	Methane (CH4) ppmv	2.1	N/A	10	Cylinder(s)	4
	TVHC (excluding CH4), ppmv	1.1	N/A	5	Other ID	Compressor Room
	Oil (condensed) & Particulate, mg/m3	< 0.03	N/A	0.1		
	Odor (provided by customer)	None/Slight	N/A	None/Slight		
	Halogenated Hydrocarbons, ppmv	<0.1	N/A	5	Hours	827
	Atmospheric Dew Point, °C (L)	-53	N/A	-53	Sample Phase	Routine
	Other N/A N/A			N/A	Customer	
	(1) Results apply to the sample as received from the customer. Info		Comments			
	(DT) Water content Pass/Fail was determined by water vapor detec (1) CGA G-7.1 Grade E as modified by IANTD in their document Ble					
	(L) Dew Point (DP) for CSA Z180.1-19: In cylinders and piping ≥	•	Report Number	23-02036		
	breathing air in cylinders or piping operating at pressures equal to c		Customer ID	4020		
	exceeding 5°C (9°F) below the lowest temperature to which the cy		Date Reported	1/24/2023		
	(W) Dew point is expressed in °F at one atmosphere pressure absolute. (DT) Detector tube readings performed by the customer. Dew point		Frequency	Semi-Annual		
	(D1) Detector table readings periorified by the edistribit. Dew point	io calculatou at 1 attitospilete pressi				