

DATE OF REPORT: June 5, 2015

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REPORT # : B5A2124
LAB # : AJB765

REPORT OF ANALYSIS: COMPRESSED AIR
REFERENCE: CAN/CSA-Z275.2-11 Occupational Safety Code
for Diving Operations

Report To: Aquarius Scuba Diving Centre
4020 Dundas St W, Unit 2, Toronto ON M6S 4W6

REF. NO.: COD/VISA

Attention: Mark Paszyn

SYSTEM PRESSURE: 5000 **CYL:** H041

SAMPLE SOURCE: AQUARIUS SCUBA DIVING CENTRE

DATE RECEIVED: May 29, 2015

SAMPLE LOCATION: 4020 DUNDAS ST. WEST. TORONTO

SAMPLE DATE: May 29, 2015

COMPRESSOR MODEL/SERIAL: BAUER K12-3EH, Ser. 99/3710/08

PURIFICATION MODEL/SERIAL: BAUER SECURUS P10
N/A, Ser. N/A

SAMPLE TIME: 13:00

ANALYSIS RESULTS -


PASS

Components	Concentration Units	Maximum Allowable	Analysed Sample
Carbon Dioxide	ppmv	600	367
Oxygen	% v/v	20:22	20.9
Nitrogen	% v/v	78:80	78.3
Methane	ppmv	10	2.1
Carbon Monoxide	ppmv	3	<0.5
Non-methane hydrocarbons	ppmv	5	0.1
Halogenated Hydrocarbons	ppmv	5	<0.05
Atmospheric Dewpoint	°C	-53	-70
Water Vapour	ppmv	Table 1	2.7
Odour	N/A	None	none detected
Oil, Particulates and Condensates	mg/m3	1	<0.1
Other Detected Compounds	ppmv		none detected

Sample meets CAN/CSA-Z275.2-11 purity specification in Table 1, subject to dewpoint limitations.

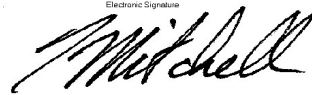
*Reference 4.9.3.10.1 B - The use temperature should be limited to -33°C and warmer, based on the system pressure and water vapor content.

Approved by :



Tonghui (Jenny) Chen
Analyst, Compressed Gases

Certified by :

Electronic Signature


Tom Mitchell, B.Sc
Supervisor, Compressed Gases