

FY17-55



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Compressed Breathing Air Analysis

Ambient Pressure (Below 15 psig)

Test Date:	December 5, 2024	Job #	82017
Sample Collection Date:	December 5, 2024	Sample Received:	December 5, 2024
Submitted By:	Challand Pipelines		
Compressor:	Ingersol Rand XP185	Serial #:	421
Cylinder #	AMB 07	Unit #:	.
Sampling Location:	Challand Shop		

Compounds Present	Maximum Allowable CSA Z180.1	Measured Quantity
ACM02		
Oxygen	20% - 22%	21.1 %
ACM05		
Nitrogen & Rare Gases	78% - 80%	78.9 %
Carbon Monoxide	5 ppm	< 0.75 ppm
Carbon Dioxide	600 ppm	432.2 ppm
Methane	10 ppm	3.4 ppm
Volatile Non-Methane Hydrocarbons	5 ppm	< 0.44 ppm
Volatile Halogenated Hydrocarbons	5 ppm	< 0.2 ppm
ACM04		
Odour	Free of Pronounced Odour	None
ACM03		
Oil, Particulates & Condensates	1 mg / m3	< 0.1 mg / m3

Sample Passed

Results apply to sample as received. Data provided during sample collection is used in the calculation of ACM03. Analysis was conducted under controlled environmental conditions.

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Val: 12-2 117453.8 R.1.2

Suggested next testing date in accordance with CSA Standard

June 5, 2025

Analyst: G. McDougall

Entered by:



Digitally signed by Jeff McAlpine - General Manager
Date: 2024.12.06 15:53:03 -07'00'