

FY17-49



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Compressed Breathing Air Analysis

Ambient Pressure (Below 15 psig)

Test Date:	December 5, 2024	Job #	82018
Sample Collection Date:	December 5, 2024	Sample Received:	December 5, 2024
Submitted By:	Challand Pipelines		
Compressor:	Ingersol Rand XP185	Serial #:	404
Cylinder #	AMB 05	Unit #:	.
Sampling Location:	Challand Shop		

Compounds Present	Maximum Allowable CSA Z180.1	Measured Quantity
ACM02		
Oxygen	20% - 22%	21 %
ACM05		
Nitrogen & Rare Gases	78% - 80%	79 %
Carbon Monoxide	5 ppm	< 0.75 ppm
Carbon Dioxide	600 ppm	446.7 ppm
Methane	10 ppm	3.2 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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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 15:53:26 -07'00'

