

All **Highlighted** Blanks Must be Complete
Need Help? Call (512) 263-0498

Lab Use Only	Order Number	Kit Number	Report Number
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Contact Information

Customer Number	Company Name
Contact	E-mail
Phone	Testing Frequency

Account Information is pre-populated from last air test. Change above information if incorrect

System Information

Type of Compressor/Make/Model
Serial Number
Date/Time Sample Collected

Add'l Information for Report (Optional)

*Rush Analysis – Same Day Analysis - Additional Fee – By marking this box, I understand that I am authorizing Same Day Analysis & Reporting
Please provide PO or credit card for additional fee (Normal Turnaround is one business day)*

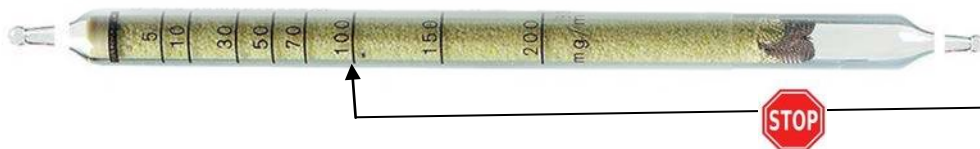
Air Spec:

Moisture (H₂O) Sample Data

H ₂ O Tube Serial #
Pressure Reading from TRI's Gauge
Flow Time with Tube in Place Minutes
Did Stain Occur? Choose One <input type="radio"/> Yes or <input type="radio"/> No
Record Reddish-Brown Stain Here _____ and on picture below.

Use TRI's PSI Reading and Corresponding Flow Time for Moisture (Choose only One)

Pressure	Minutes
4 psi	14
5 psi	12
6 psi	10



STOP and record time in minutes and seconds if color reaches 100 before test time is up.

Gas Sample Data

TRI's Sample Cylinder No
Choose Type of Gas Sampled
<input type="radio"/> Air <input type="radio"/> Nitrogen <input type="radio"/> Oxygen
<input type="radio"/> Nitrous Oxide <input type="radio"/> Other Gas _____
Date/Time Sample Collected

REMOVE BRASS KNURLED NUT
TRI's sample cylinder must remain in place with the end cap (brass knurled nut) removed, allowing gas to flow through the cylinder **FOR A MINIMUM OF 30 SECONDS.**
BEFORE turning off the gas supply replace knurled nut and then remove cylinder from the quick connect fitting. Tighten knurled nut finger tight only

PLEASE MARK LAB TESTS ON BACK OF THIS SHEET

Oil Mist/Particulate (Matter) Sample Data

Standard Filter No	Specifications of 1.0 mg matter
Prewash Filter No	Filter holder says PREWASH, specification of 0.1 mg matter
Orifice Size Used	Choose One <input type="radio"/> 0.115 <input type="radio"/> 0.200
Pressure Reading from TRI's Gauge	
Flow Time	Minutes

Use a Separate Filter for Each Source/Sample.
Do not touch or contaminate filter pad or metal screen.

.115 orifice – 10 minutes @ 11 psig – minimum
0.200 orifice – 10 minutes @ 4 psig-minimum

DO NOT EXCEED 20 PSIG

Additional pressure-time options are in the detailed instructions

PLEASE MARK LAB TESTS ON BACK OF THIS SHEET

By signing this data sheet, I declare that the sample submitted to TRI was taken according to the instructions provided and was not tampered with to falsify air test results.

Printed Name of Person Taking Test _____

Signature _____ Date _____

NFPA 99 1999 Edition	Test	Choose a Test	Test Requirement
1999 Piping Purge 4-3.4.1.3(e)	1		Matter ≤ 0.1 mg (no breakdown of oil and particulate reported)
1999 Piping Purity Test 4-3.4.1.3 (f) (Difference of Source vs. Outlet)	2		Dew Point ≤ 5°C @ 50 psi (9°F @ 50 psi)
	3		Total (non methane) Hydrocarbons ≤ 1 ppm (Except in O ₂ , CO ₂ , or N ₂ O)
	4		Total (non methane) Hydrocarbons in O ₂ , CO ₂ , or N ₂ O at additional cost
	5		Halogenated Hydrocarbons ≤ 2 ppm
1999 Medical Gas Conc. 4-3.4.1.3 (i)	6		N ₂ , O ₂ , N ₂ O, CO ₂ gases > 99%
	7		Medical Air 19.5-23.5% O ₂
1999 Medical Air Purity Test (compressor system) 4-3.4.1.3 (j)	8		Dew Point ≤ 39°F (4°C) @ 50 psi
	9		CO ≤ 10 ppm, CO ₂ ≤ 500 ppm, Total Hydrocarbons (as methane) ≤ 25 ppm, Halogenated Hydrocarbons ≤ 2 ppm

NFPA 99 2002 Edition	Test	Choose a Test	Test Requirement
2002 Piping Particulate Test 5.1.12.3.7 or 2002 Verifier Piping Particulate Test 5.3.12.3.7 or equivalent	10		Matter ≤ 1.0 mg (no breakdown of oil and particulate reported)
2002 Piping Purity Test 5.1.12.3.8 or 2002 Verifier Piping Purity Test 5.3.12.3.8 or equivalent (Difference of Source vs. Outlet except for Water Vapor)	11		Water Vapor ≤ 500 ppm Total
	12		Total (non methane) Hydrocarbons ≤ 1 ppm (Except in O ₂ , CO ₂ , or N ₂ O)
	13		Total (non methane) Hydrocarbons in O ₂ , CO ₂ , or N ₂ O at additional cost
	14		Halogenated Hydrocarbons ≤ 2 ppm
2002 Medical Gas Conc. 5.1.12.3.11 or 2002 Verifier Medical Gas Conc. 5.3.12.3.11 or equivalent	15		N ₂ , O ₂ , N ₂ O, CO ₂ gases > 99%
	16		Medical Air 19.5-23.5% O ₂
2002 Medical Air Purity Test (compressor system) 5.1.12.3.12	17		Dew Point ≤ 39°F (4°C) @ 50 psi
	18		CO ≤ 10 ppm, CO ₂ ≤ 500 ppm, Total Hydrocarbons (as methane) ≤ 25 ppm, Halogenated Hydrocarbons ≤ 2 ppm

NFPA 99 2005 and 2012 Edition	Test	Choose a Test	Test Requirement
2005 and 2012 Piping Particulate Test 5.1.12.3.7 or 2005 Verifier Piping Particulate Test 5.3.12.3.6 and 2012 Verifier Piping Particulate Test 5.3.6.23.3.8 or equivalent	19		Matter ≤ 1.0 mg (no breakdown of oil and particulate reported)
2005 and 2012 Piping Purity Test 5.1.12.3.8 and 2012 Verifier Piping Purity Test 5.3.6.23.3.9 (Difference of Source vs. Outlet except for Water Vapor)	20		Water Vapor ≤ 500 ppm Total
	21		Total (non methane) Hydrocarbons ≤ 5 ppm (Except in O ₂ , CO ₂ , or N ₂ O)
	22		Total (non methane) Hydrocarbons in O ₂ , CO ₂ , or N ₂ O at additional cost
	23		Halogenated Hydrocarbons ≤ 5 ppm
2005 Verifier Piping Purity Test 5.3.12.3.7 or equivalent (Difference of Source vs. Outlet except for Water Vapor)	24		Water Vapor ≤ 500 ppm Total
	25		Total (non methane) Hydrocarbons ≤ 1 ppm (Except in O ₂ , CO ₂ , or N ₂ O)
	26		Total (non methane) Hydrocarbons in O ₂ , CO ₂ , or N ₂ O at additional cost
	27		Halogenated Hydrocarbons ≤ 2 ppm
2005 and 2012 Medical Gas Conc. 5.1.12.3.11	28		N ₂ , N ₂ O, CO ₂ gases ≥ 99% except O ₂ ≥ 97% 2005 Edition and ≥ 99% 2012 Edition
	29		Medical Air 19.5 to 23.5 % O ₂
2005 Verifier Medical Gas Conc. 5.3.12.3.10 and 2012 Verifier Medical Gas Conc. 5.3.6.23.3.11	30		O ₂ and N ₂ ≥ 99%
2005 and 2012 Medical Air Purity Test (compressor system) 5.1.12.3.12.3	31		2005 Edition Dew Point ≤ 39°F (4°C) @ 50 psi and 2012 Edition Dew Point ≤ 35°F (2°C)
	32		CO ≤ 10 ppm, CO ₂ ≤ 500 ppm, Total Hydrocarbons (as methane) ≤ 25 ppm, Halogenated Hydrocarbons ≤ 2 ppm

Lab Use Only	Gas	1	2	3	4
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