

# Direct Product Contact Example Report

## (No Specification Comparisons)

Below is a simulation of an analytical report with notes that we hope you will find helpful.

Important information to note:

- 1) The Report only includes information for specific analytes that were tested. Reports can be customized to your individual operations requirements.
- 2) The Report only includes test results; no comparisons to specifications are made. It is up to the user of the data to determine the applicability of the results to the proper specification or requirements for the air/gas being analyzed.  
Our suggested guidelines for Direct and Indirect Product Contact can be found here [bit.ly/1EkiHQN](http://bit.ly/1EkiHQN) or <http://airtesting.com/wp-content/uploads/2013/09/Practical-Compressed-Air-Gas-Testing-TD-08-Rev-0.pdf>.
- 3) The Report has a Reporting Limit for each analyte tested. Reporting Limits are the smallest amount that the laboratory processes can accurately measure (i.e. detect) for the test that is being performed. It is not a Specification Limit.
- 4) The Report has Oil Mist and Particulate (matter) reported in milligrams per cubic meter (mg/m3). It does not include Oil Vapor.
- 5) The Report has Water measured as parts per million (ppm) and as Dew Point °F at a pressure of 100 PSI. The Water Dew Point measured is only available in °F, but is available at your system pressure if you specify a pressure other than 100 PSI. The Water ppm remains the same at any pressure.


If you have any questions about how to read or understand your report, please call and ask for Air Testing reporting- 1-800-880-8378. For technical help call our laboratory director Ed Golla, Ph.D., at 1-800-880-8378 x159.

**TRI Customer Number**

**The test location you have provided on the data sheet to TRI**

**Test data of all analytes tested. No comparison to any specification.**

**Reporting Limits; the smallest amounts the lab processes can accurately measure for each of the tests being performed.**



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**Laboratory Report**  
**Compressed Air/Gas Quality Testing**

ORGANIZATION OR COMPANY NAME TEST LOCATION DESCRIPTION  
ATTN [NAME]  
STREET  
CITY/TOWN/STATE/ZIP

**ANALYSIS RESULTS**

Report Number: 0000-00 Report Date: XX/XX/XX Customer No.: X000000-0  
Air/Gas Source: Compressor Name, Serial No., or Other Designation Order Number: 0000  
Air/Gas Sampled From: Compressor or Air Line Sample Date: XX/XX/XX  
Compared to Air/Gas Specification: DIRECT PRODUCT CONTACT AIR/GAS TEST EVALUATION (NO SPECIFICATION COMPARISON) Date Received: XX/XX/XX  
Date Analyzed: XX/XX/XX

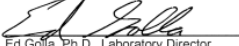
ANALYTE	SOURCE AIR/GAS	REPORTING LIMITS*
Oxygen, Volume %	20.7	0.5
Carbon Monoxide (ppmv)	<1	1
Total Gaseous Hydrocarbons including Methane (ppmv)	1.8	1
Methane (ppmv)	1.8	1
Total Gaseous Hydrocarbons excluding Methane (ppmv)	<1	1
Carbon Dioxide (ppmv)	402	1
Oil Mist & Particulate (mg/m <sup>3</sup> )	<0.1	0.05
Oil Mist (mg/m <sup>3</sup> )	<0.1	0.05
Particulate (mg/m <sup>3</sup> )	<0.1	0.05
Water (ppmv)	<2	2
Water (DewPt °F @ 100 psi)	<-70	-70
Nitrogen (Volume %)	78.7	0.5
Halogenated Hydrocarbons (ppmv)	<1	1

NA = Not Applicable  
This report shows test results only. No comparisons to any specifications have been made.

Analyzed By: MIKE CARLSON  
Using: 70-SOP-36 Rev16 & 70-SOP-41 Rev9 GC: 70-09 Balance: 70-03  
Sample Media: S B: KFXXX A B: Filter: XPXXX MO: XXX  
\*Reporting Limit is the lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a reasonable degree of accuracy and precision.

The air gas used in manufacturing processes should be evaluated by a competent technical individual to determine the appropriate requirements to protect the safety of the employees and the integrity of the products. It is up to the user of these test results to determine the applicability of the test results to their operations.  
Results relate only to the items tested. This test report shall not be reproduced except in full without written approval of TRI/Environmental, Inc.

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End Report

  
Ed Golla, Ph.D., Laboratory Director

The Air/Gas Testing Division at TRI appreciates your business, and we look forward to a continuing relationship with you. You can visit us on the web at [www.airtesting.com](http://www.airtesting.com).