



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

## ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 102460	PRINTER SN 096.3580.879	DATE OF INSPECTION 07/08/2020				
LOCATION OF INSTRUMENT (STREET AND CITY) 123 East Santa Fe Ave Marceline, MO 64658		TIME OF INSPECTION 1:14 pm				
<b>CHECKLIST:</b> Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.						
<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)						
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C)						
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY						
<input checked="" type="checkbox"/> TIME AND DATE DISPLAYING PROPERLY						
<b>BREATH ALCOHOL ACCURACY STANDARDS</b>						
<input type="checkbox"/> SIMULATOR SOLUTION		<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE				
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u> LOT # <u>AG929601</u> EXP. DATE <u>08/23/2021</u>						
<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) SIMULATOR SN SIMULATOR EXP DATE						
<input checked="" type="checkbox"/> CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT) Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)						
<input checked="" type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE						
<input type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE						
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE						
TEST 1 ➡ .095	TEST 2 ➡ .095	TEST 3 ➡ .095				
<input checked="" type="checkbox"/> RFI DETECTOR OPERATING						
<b>INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)</b>						
REFUSALS	1	(0-.04) 0	(.05-.09) 0	(.10-.14) 0	(.15-.19) 0	(OVER .19) 0
List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).						
<b>INSPECTING OFFICER</b>						
SIGNATURE ▶ <i>Rhonda Gulley</i>			PRINT NAME RHONDA GULLEY			
TYPE II PERMIT NUMBER/EXPIRATION DATE 290042 02/26/2021			TELEPHONE NUMBER (660) 376-3556			
Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office 2875 James Boulevard Poplar Bluff, MO 63901						

# Airgas®

Airgas USA LLC (LAB)  
3500 Bernard Street  
St. Louis, Mo. 63103  
Ph: (314) 533-3100  
Fax: (314) 533-7328

## Certificate of Analysis

**Customer Name**

*Exclusive Supplier*  
Intoximeters, Inc.  
2081 Craig Road  
St. Louis, Mo 63146

**Test Date:** 23-Oct-2019

**Lot # AG929601 Model 34cacc**

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
23-Jun-2021	34	Ethanol Nitrogen	0.100 ± 2% BrAC (272 ppm) Balance

Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

<u>RGM Serial No.</u>	<u>Concentration</u>	<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010670	259.8 ppm	EB0010669	268.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010661	103.6 ppm	EB0010662	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	263.0 ppm	0056662	150.2 ppm

**Analytical Method:** NDIR

Digitally signed by Quality Control  
Date: 2019.10.23 12:59:36 -05:00  
Reason: Dry gas standard certification of analysis  
Location: Airgas USA LLC (Lab)

Approved for Release: \_\_\_\_\_

*Rod Marsala*  
Rod Marsala

**ISO 17025:2005 A2LA accredited. Certificate Number 3082.06**  
**ISO 17034:2016 A2LA accredited. Certificate Number 3082.07**

AS IV Serial no: 087960  
Version no: 532B

TEST RECORD 00278

Temp Date Time <sup>g/</sup> 210L

VOID: RF1  
12 07/08/20 13:17

Subject Name

Subject I.D.

Operator Name, I.D.

R Gully 1128

Location

MPD

123 E Santa Fe Ave

(FAX)

AS IV Serial no: 087960  
Version no: 532B

TEST RECORD 00281

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
07/08/20 13:23 .000  
Calibration Check:  
24 07/08/20 13:23 .095

Subject Name

Subject I.D.

Operator Name, I.D.

R Gully 1128

Location

MPD

123 E Santa Fe Ave

AS IV Serial no: 087960  
Version no: 532B

TEST RECORD 00276

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
07/08/20 13:12 .000  
Calibration Check:  
21 07/08/20 13:12 .000

Subject Name

Subject I.D.

Operator Name, I.D.

R Gully 1128

Location

MPD

123 E Santa Fe Ave

AS IV Serial no: 087960  
Version no: 532B

TEST RECORD 00279

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
07/08/20 13:19 .000  
Calibration Check:  
23 07/08/20 13:19 .095

Subject Name

Subject I.D.

Operator Name, I.D.

R Gully 1128

Location

MPD

123 E Santa Fe Ave

# Intoximeters

Experience • Service • Integrity

## Certificate of Calibration

### Barometric Pressure

Instrument Model	Serial Number	Received Date	Calibration Date	Certificate Number
True-Cal II	50668	N/A	November 17, 2017	43056.551478

Cust ID#	Name of Organization	Customer Address
N/A	N/A	N/A

Intoximeters Inc hereby certifies that this instrument has been calibrated with standards which are traceable to the National Institute of Standards and Technology and performed within the requirements of the laboratory's calibration services, and in compliance with ISO 17025:2005.

**Method Used:** Intoximeters Work Instruction: WI Accredited Calibration\_True-Cal II


**Standards Used:**

Standard Type	Serial or Lot Number
Meriam M2 Digital Reference Barometer	1002000069 (CE 141)

<b>Instrument Condition as Received:</b> New	<b>Instrument Condition as Left:</b> In tolerance																								
<p>Laboratory tolerance is defined by a comparison of the arithmetic mean of three readings to the target value, where the difference may be no greater than +/- 1.5% for incoming results, and no greater than +/- 1.0% for outgoing results, excluding the uncertainty, unless otherwise required by the customer in writing.</p>																									
<b>LOW Incoming</b>	<b>LOW Outgoing</b>																								
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In the range of 650 to 680 mmHg, the expanded uncertainty is +/- 1.10 % of reading.  
 In the range of 740 to 760 mmHg, the expanded uncertainty is +/- 1.10 % of reading.  
 This uncertainty represents an expanded uncertainty expressed at approximately the 98% confidence level using a coverage factor of k=2

Issued by: Scott Murphy  
Quality Manager or Deputy

Signature:   
Date: 11/17/17

Note: This certifies the calibration of the instrument as of the date listed. Calibration, certification, and accuracy check requirements described in the Quality Program of your organization may supersede this certificate.

This certificate may not be reproduced without written permission by Intoximeters.

**Intoximeters**  
2081 Craig Road | St. Louis, MO 63146  
(314) 428-4000 | www.intox.com  
An ISO 17025:2005 Accredited Lab



Calibration Cert No. 3384.01



STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM



**PERMIT**  
**TYPE II**  
**RHONDA GULLEY**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**ALCO-SENSOR IV WITH PRINTER**

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 2/26/2019

NUMBER 290042

EXPIRES 2/26/2021

MO 580-0771 (6-10)

\_\_\_\_\_  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

\_\_\_\_\_  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

 **STATE OF MISSOURI**  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM

**INSTRUMENT OPERATOR CARD**

*The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.*

Operator **GULLEY, RHONDA**  
Permit No **290042**  
Date issued **2/26/2019** Date Expires **2/26/2021**

