



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

DECEMBER 2014

**RECEIVED**  
 REPORT #7  
 By Carol Day at 2:42 pm, Dec 03, 2014

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 097424	PRINTER SN 096.3580.984	DATE OF INSPECTION 12/03/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 1019 SCHROEDER CREEK BLVD, WENTZVILLE, MO 63385		TIME OF INSPECTION 8:17 am

**CHECKLIST:** 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.

- DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input type="checkbox"/> STANDARD SUPPLIER AIRGAS	LOT # AG402002 EXP. DATE 01/20/2016
<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C)	SIMULATOR SN SIMULATOR EXP DATE

- 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)
  - 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
  - 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
  - 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 ↻ 0.100	TEST 2 ↻ 0.099	TEST 3 ↻ 0.099
----------------	----------------	----------------

- RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  
 (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	1	(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).

**INSPECTING OFFICER**

SIGNATURE <i>Matthew J. Schneider</i>	PRINT NAME Matthew J. Schneider
TYPE II PERMIT NUMBER/EXPIRATION DATE 230344 / December 31, 2015	TELEPHONE NUMBER (636) 327-5105

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

## Certificate of Analysis

Customer Name  
 Intoximeters, Inc.  
 2081 Craig Road  
 St. Louis, Mo 63146

Test Date: 21-Jan-2014

Lot # AG402002

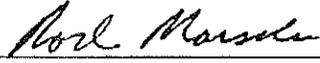
<u>Exp. Date</u> 20-Jan-2016	<u>Cyl. Type</u> 108	<u>Component</u> Ethanol Nitrogen	<u>Certified Concentration</u> 0.100 ± 2% BrAC (272 ppm) Balance
---------------------------------	-------------------------	---	--

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

<u>Serial No.</u>	<u>Concentration</u>	<u>Serial No.</u>	<u>Concentration</u>
EB0010581	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010595	208.9 ppm
EB0010561	103.7 ppm	EB0010562	104.9 ppm
EB0010681	52.22 ppm	EB0010579	52.94 ppm

Analytical Method: NDIR

Digitally signed by Quality Control  
 Date: 2014.01.21 13:44:31 -06:00  
 Reason: Dry gas standard certification of analysis  
 Location: Airgas USA LLC (Lab)

Analyst:   
 Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01

AS IU Serial no: 097424  
Version no: 532B

TEST RECORD 00174

Temp Date Time 210L s/

Air Blank: 12/03/14 08:17 .000  
Calibration Check: 24 12/03/14 08:17 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IU Serial no: 097424  
Version no: 532B

TEST RECORD - REPRINT

TEST RECORD 00175

Temp Date Time 210L s/

Air Blank: 12/03/14 08:19 .000  
Calibration Check: 25 12/03/14 08:19 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IU Serial no: 097424  
Version no: 532B

TEST RECORD 00175

Temp Date Time 210L s/

Air Blank: 12/03/14 08:25 .000  
Calibration Check: 26 12/03/14 08:25 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IU Serial no: 097424  
Version no: 532B

TEST RECORD 00177

Temp Date Time 210L s/

MDM: RFI  
12 12/03/14 08:28

Subject Name

Subject I.D.

Operator Name, I.D.

Location



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

2

**PERMIT  
TYPE II**

**MATTHEW J SCHNEIDER**

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

**DATAMASTER, INTOX EC/IR II, ALCO-SENSOR IV W/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 12/31/2013

NUMBER 230344

EXPIRES 12/31/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

,acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 680-0771 (6-10)

LAB 4 (R9,10)

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 SCHNEIDER, MATTHEW  
Permit No 230344  
Date Issued 12/31/2013 Date Expires 12/31/2015



# Simulator Calibration Report

This calibration report is to certify the alcohol reference simulator listed below has been examined and tested using standards traceable to the National Institute of Standards and Technology (NIST) in accordance with the standards set by the Missouri Department of Health and Senior Services Rules and Regulations: 19 CSR 25-30.051 (4).

Checked: 11/20/2014 Expires: 11/20/2015  
MSC Tech: DRL  
Temp: 33.95 Digital Therm. SN: 094948  
Agency: Wentzville Police Department



Technician Printed Name: DAW Lucas

Technician Signature: [Handwritten Signature]

Date: 11/20/2014

Contact: Missouri Safety Center  
Breath-Alcohol Instrument Training Program  
660-543-4834