



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

RECEIVED 2/24/14-CD  
REPORT #7

**REVIEWED**  
By Carol Day at 9:55 am, Mar 14, 2014

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

ALCO SENSOR IV SN <b>043579</b>	PRINTER SN <b>91.9821.022</b>	DATE OF INSPECTION <b>2-16-14</b>
LOCATION OF INSTRUMENT (STREET AND CITY) <b>101 Sheriff Dierker Ct. O'Fallon</b>		TIME OF INSPECTION <b>0718</b>

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.

<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)	<b>passed</b>
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C)	<b>22°C</b>
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY	<b>passed</b>
<input checked="" type="checkbox"/> TIME AND DATE DISPLAYING PROPERLY	<b>0722 2-16-14</b>

**BREATH ALCOHOL ACCURACY STANDARDS**

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <b>Intoximeters</b>	LOT # <b>AG230602</b> - EXP. DATE <b>11-1-14</b>
<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)

<input type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
<input checked="" 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 <b>080</b>	TEST 2 <b>080</b>	TEST 3 <b>079</b>
-------------------	-------------------	-------------------

RFI DETECTOR OPERATING **passed**

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

REFUSALS <b>0</b>	(0-.04) <b>0</b>	(.05-.09) <b>0</b>	(.10-.14) <b>0</b>	(.15-.19) <b>0</b>	(OVER .19) <b>0</b>
-------------------	------------------	--------------------	--------------------	--------------------	---------------------

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).

**Tro Cal - 079**

**INSPECTING OFFICER**

SIGNATURE <b>Michael C Hoefle</b>	PRINT NAME <b>Michael C Hoefle</b>
TYPE II PERMIT NUMBER/EXPIRATION DATE <b>220150 8-3-14</b>	TELEPHONE NUMBER <b>636-949-0809</b>

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 Mid America (LABORATORY)  
 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: 1-Nov-2012

Dear Sir,

This is your Certificate of Analysis:

<u>Exp. Date</u> 11/1/2014	<u>Cyl. Type</u> 108	<u>Component</u> Ethanol Nitrogen	<u>Certified Concentration</u> 0.080 ± 0.002 BrAC (218 ppm) Balance
-------------------------------	-------------------------	---	---

Lot # AG230602

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

<u>Serial No.</u> EB0010581 EB0010570 EB0010285 EB0010561 EB0010681	<u>Concentration</u> 391.6 ppm 258.4 ppm 208.9 ppm 101.9 ppm 53.0 ppm	<u>Serial No.</u> EB0010603 EB0010559 EB0010595 EB0010562 EB0010579	<u>Concentration</u> 390.9 ppm 258.3 ppm 209.2 ppm 104.9 ppm 52.4 ppm
--	--	--	--

Analytical Method: NDIR

Analyst: 

ISO 17025:2005 A2LA accredited, Certificate Number 2989.01

AS 10 Serial no: 040579  
Version not 084C

TEST RECORD 01160

Temp Date Time 210L  
S/

Air Blank:

02/16/14 07:23 .000

Calibration Check:  
22 02/16/14 07:23 .000

Subject Name

Subject I.D.

Operator Name, I.D.

*Fogle SD*

Location

*101 Sheriff Dierker R*

AS 10 Serial no: 040579  
Version not 084C

TEST RECORD 01161

Temp Date Time 210L  
S/

Air Blank:

02/16/14 07:24 .000

Calibration Check:  
22 02/16/14 07:24 .000

Subject Name

Subject I.D.

Operator Name, I.D.

*Fogle SD*

Location

*101 Sheriff Dierker  
Ct*

AS 10 Serial no: 040579  
Version not 084C

TEST RECORD 01162

Temp Date Time 210L  
S/

Air Blank:

02/15/14 07:26 .000

Calibration Check:  
23 02/16/14 07:26 .079

Subject Name

Subject I.D.

Operator Name, I.D.

*Fogle SD*

Location

*101 Sheriff Dierker*

AS 10 Serial no: 040579  
Version not 084C

TEST RECORD 01163

Temp Date Time 210L  
S/

Air Blank:

02/16/14 07:29

Subject Name

Subject I.D.

Operator Name, I.D.

*Fogle SD*

Location

*101 Sheriff Dierker*

State of Missouri  
DEPARTMENT OF HEALTH



P E R M I T  
TYPE II



MICHAEL C HOEFLE

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

ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 08/03/2012

Number 220180

Expires 08/03/2014

MO 580-0771 (7-89)

Director of State Public Health Laboratory

Director, Department of Health

Lab. 4 (R7-58)