



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

**RECEIVED**  
 By Carol Day at 9:49 am, Jun 18, 2014  
 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 RCSO109345	PRINTER SN 099.3586.999	DATE OF INSPECTION 06/16/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 2319 GREEN ST. CENTERVILLE		TIME OF INSPECTION 10:22 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 checked="" type="checkbox"/> STANDARD SUPPLIER <u>INTOXIMETERS</u>	LOT # <u>AG409802</u> EXP. DATE <u>04/08/2016</u>
<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 → .081	TEST 2 → .081	TEST 3 → .081
---------------	---------------	---------------

- 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)	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).

CALIBRATED TO .08

<b>INSPECTING OFFICER</b>	PRINT NAME DEPUTY RANDALL MARTIN
SIGNATURE <i>[Signature]</i>	TELEPHONE NUMBER (573) 648-2491
TYPE II PERMIT NUMBER/EXPIRATION DATE 240280 06-12-2016	

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: 8-Apr-2014

Lot # AG409802

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
8-Apr-2016	108	Ethanol Nitrogen	0.080 ± 0.002 BrAC (218 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: 2014.04.09 10:33:17 -05:00  
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 IV Serial no: 109345  
Version no: 532B

TEST RECORD 00067

Temp Date Time 210L

Air Blank:  
06/16/14 10:29 .000  
Calibration Check:  
27 06/16/14 10:29 .001

Subject Name

Subject I.D.

Operator Name, I.D.

MARTIN 240280

Location

2319 Green St

Centerville

AS IV Serial no: 109345  
Version no: 532B

TEST RECORD 00066

Temp Date Time 210L

Air Blank:  
06/16/14 10:28 .000  
Calibration Check:  
27 06/16/14 10:28 .001

Subject Name

Subject I.D.

Operator Name, I.D.

MARTIN 240280

Location

2319 Green St

Centerville

AS IV Serial no: 109345  
Version no: 532B

TEST RECORD 00065

Temp Date Time 210L

Air Blank:  
06/16/14 10:27 .000  
Calibration Check:  
27 06/16/14 10:27 .001

Subject Name

Subject I.D.

Operator Name, I.D.

MARTIN 240280

Location

2319 Green St

Centerville

AS IV Serial no: 109345  
Version no: 532B

TEST RECORD 00068

Temp Date Time 210L

VOID: RFI  
12 06/16/14 10:30

Subject Name

Subject I.D.

Operator Name, I.D.

MARTIN 240280

Location

2319 Green St

Centerville

AS IV Serial no: 109345  
Version no: 532B

TEST RECORD 00064

TEMP Date Time <sup>9/</sup> 210L

Air Blank:  
06/16/14 10:25 .000  
Calibration Check:  
26 06/16/14 10:25 .000

Subject Name

Subject I.D.

Operator Name, I.D.

MARTIN 240250

Location

2319 Green St

Centerville

AS IV Serial no: 109345  
Version no: 532B

TEST RECORD 00063

TEMP Date Time <sup>9/</sup> 210L

Air Blank:  
06/16/14 10:23 .000  
Calibration:  
26 06/16/14 10:23 .000

Subject Name

Subject I.D.

Operator Name, I.D.

MARTIN 240250

Location



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

2

**PERMIT**  
**TYPE II**  
**RANDALL E MARTIN**

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**

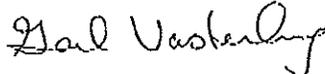
for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 6/13/2014

NUMBER 240280

EXPIRES 6/13/2016

  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-1 (10-10)

MO 580-0771 (0-10)

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 **MARTIN, RANDALL**  
Permit No **240280**  
Date issued **6/13/2014** Date Expires **6/13/2016**