



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

**RECEIVED**  
 By Carol Day at 11:26 am, Nov 20, 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 062088	PRINTER SN 096.3580.929	DATE OF INSPECTION 11/17/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 7447 Dale Avenue, Richmond Heights MO 63117		TIME OF INSPECTION 5:00 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 Airgas	LOT # AG414901 EXP. DATE 01/26/2016
<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)

<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 ← 0.083%	TEST 2 ← 0.082%	TEST 3 ← 0.082%
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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	1	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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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 P.O. Stewart Deken	PRINT NAME P.O. Stewart Deken
TYPE II PERMIT NUMBER EXPIRATION DATE 220402 12/20/2014	TELEPHONE NUMBER (314) 647-5656

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: 1-Jun-2014

Lot # AG414901

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
29-Jan-2016	30	Ethanol Nitrogen	0.082 ± 0.002 BrAC (223 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: 2014.06.02 10:51:00 -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: 062088  
Version no: 532B

TEST RECORD 06172

Temp Date Time  
Air Blank: 11/17/14 06:06 .000  
Calibration Check: 21 11/17/14 06:06 .082

Subject Name: Test  
Subject I.D.

Operator Name: I.D.  
Joken, J  
Location: RHP

AS IV Serial no: 062088  
Version no: 532B

TEST RECORD 06173

Temp Date Time <sup>s/</sup> 210L  
Air Blank: 11/17/14 06:06 .000  
Calibration Check: 21 11/17/14 06:06 .082

Subject Name: Test  
Subject I.D.

Operator Name: I.D.  
Joken, J  
Location: RHP

AS IV Serial no: 062088  
Version no: 532B

TEST RECORD 06173

Temp Date Time <sup>s/</sup> 210L  
Air Blank: 11/17/14 06:08 .000  
Calibration Check: 22 11/17/14 06:08 .082

Subject Name: Test  
Subject I.D.

Operator Name: I.D.  
Joken, J  
Location: RHP

AS IV Serial no: 062088  
Version no: 532B

TEST RECORD 06173

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

VOID: RFI  
12 11/17/14 06:10

Subject Name: RFL Test

Subject I.D.

Operator Name: I.D.

Joken, J

Location: RHP

State of Missouri  
DEPARTMENT OF HEALTH



P E R M I T  
TYPE II



STEWART J DEKEN

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 12/20/2012

Number 220402

Expires 12/20/2014

MO 560-0771 (7-89)

Director of State Public Health Laboratory

ACTING DIRECTOR

Director, Department of Health

MO 4-970-85