



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**

REPORT #7

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

By Carol Day at 8:22 am, Oct 05, 2015

ALCO SENSOR IV SN 087964	PRINTER SN 08C3556197	DATE OF INSPECTION 10/03/2015
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LOCATION OF INSTRUMENT (STREET AND CITY) 2040 E Hunter Nevada Mo 64772	TIME OF INSPECTION 2:11 pm
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**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
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<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>intoximeters</u> LOT # <u>ag521202</u> EXP. DATE <u>07/31/2017</u>
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<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) SIMULATOR SN SIMULATOR EXP DATE
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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 ➔ .084	TEST 2 ➔ .084	TEST 3 ➔ .083
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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)	1
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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).

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME A. Stimson
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TYPE II PERMIT NUMBER/EXPIRATION DATE #250194 08/18/2017	TELEPHONE NUMBER (417) 283-2400
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**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**

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

**Test Date:** 4-Aug-2015

**Lot #** AG521202 **Model** 108cacd

**Exp. Date**

31-Jul-2017

**Cyl. Type**

108

**Component**

Ethanol  
Nitrogen

**Certified Concentration**

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

Analyst: \_\_\_\_\_

Rod Marsala

**ISO 17025:2005 A2LA accredited. Certificate Number 2989.01**

A

AS IV Serial no: 087964  
Version no: 532B

TEST RECORD 00095

Temp	Date	Time	a/ 210L
VOID: RPI			
	12	10/03/15	14:29

12 10/03/15 14:29

Subject Name

Subject I.D.

Operator Name, I.D.

Location

B

AS IV Serial no: 087964  
Version no: 532B

TEST RECORD 00094

Temp	Date	Time	a/ 210L
Air Blank:			
	10/03/15	14:27	.000
Calibration Check:			
	23	10/03/15	14:27 .083

23 10/03/15 14:27 .083

Subject Name

Subject I.D.

Operator Name, I.D.

Location

F

AS IV Serial no: 087964  
Version no: 532B

TEST RECORD 00093

Temp	Date	Time	a/ 210L
Air Blank:			
	10/03/15	14:26	.000
Calibration Check:			
	22	10/03/15	14:26 .084

22 10/03/15 14:26 .084

Subject Name

Subject I.D.

Operator Name, I.D.

Location

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AS IV Serial no: 087964  
Version no: 532B

TEST RECORD 00089

Temp	Date	Time	a/ 210L
Air Blank:			
	10/03/15	14:18	.000
Calibration Check:			
	20	10/03/15	14:18 .084

20 10/03/15 14:18 .084

Subject Name

Subject I.D.

Operator Name, I.D.

Location