



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

**RECEIVED** REPORT #7  
 By Carol Day at 11:25 am, Jul 29, 2015

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 108266	PRINTER SN 0993586822	DATE OF INSPECTION 07/28/2015
LOCATION OF INSTRUMENT (STREET AND CITY) 600 E. Walnut Columbia, MO 65201		TIME OF INSPECTION 6:57 pm

**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**

- SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER INTOXIMETERS LOT # AG414902 EXP. DATE 05/29/2016
- 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 ← .097	TEST 2 ← .096	TEST 3 ← .096
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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	4	(0-.04)	0	(.05-.09)	3	(.10-.14)	4	(.15-.19)	5	(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).

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Spirit Stevens
TYPE II PERMIT NUMBER/EXPIRATION DATE 250097/5-11-17	TELEPHONE NUMBER (573) 874-7652

**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:** 2-Jun-2014

**Lot #** AG414902

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
29-May-2016	55	Ethanol Nitrogen	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: 2014.06.03 09:10:02 -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: 108266  
Version no: 532B

TEST RECORD 00465

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

Air Blank:  
07/28/15 18:58 .000  
Calibration Check:  
20 07/28/15 18:58 .097

Subject Name  
Spirit Stevens  
Subject I.D.

<sup>2113</sup>  
Operator Name, I.D.

Test 1

Location  
CPD

AS IV Serial no: 108266  
Version no: 532B

TEST RECORD 00466

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

Air Blank:  
07/28/15 18:59 .000  
Calibration Check:  
21 07/28/15 18:59 .096

Subject Name  
Spirit Stevens  
Subject I.D.

<sup>2113</sup>  
Operator Name, I.D.

Test 2

Location  
CPD

AS IV Serial no: 108266  
Version no: 532B

TEST RECORD 00467

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

Air Blank:  
07/28/15 19:01 .000  
Calibration Check:  
22 07/28/15 19:01 .096

Subject Name  
Spirit Stevens  
Subject I.D.

<sup>2113</sup>  
Operator Name, I.D.

Test 3

Location  
CPD

AS IV Serial no: 108266  
Version no: 532B

TEST RECORD 00468

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

VOID: RFI  
12 07/28/15 19:02

Subject Name  
RFI  
Subject I.D.

<sup>2113</sup>  
Operator Name, I.D.

Location

CPD