



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

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

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 102456	PRINTER SN 096.3580.982	DATE OF INSPECTION 02/03/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 600 E. WALNUT		TIME OF INSPECTION 6:55 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 INTOIMETERS LOT # AG505101 EXP. DATE 02/20/2017

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 ➡ .100

TEST 2 ➡ .099

TEST 3 ➡ .098

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
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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).

NEW INSTRUMENT IMPLEMENTATION

**INSPECTING OFFICER**

SIGNATURE 

PRINT NAME  
SPIRIT STEVENS

TYPE II PERMIT NUMBER/EXPIRATION DATE  
344517 11/17/16

TELEPHONE NUMBER  
(573) 442-6131

**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

AS IV Serial no: 102456  
Version no: 532B

TEST RECORD 00030

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

Air Blank:  
02/03/16 19:00 .000  
Calibration Check:  
23 02/03/16 19:00 .098

Subject Name

*Cal 3*

Subject I.D.

Operator Name, I.D.

*S. Stevens 2113*

Location

*CPD*

AS IV Serial no: 102456  
Version no: 532B

TEST RECORD 00029

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

Air Blank:  
02/03/16 18:58 .000  
Calibration Check:  
22 02/03/16 18:58 .099

Subject Name

*Cal 2*

Subject I.D.

Operator Name, I.D.

*S. Stevens 2113*

Location

*CPD*

AS IV Serial no: 102456  
Version no: 532B

TEST RECORD 00031

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

VOID: RTI  
12 02/03/16 19:00

Subject Name

*RFI*

Subject I.D.

Operator Name, I.D.

*S. Stevens 2113*

Location

*CPD*

AS IV Serial no: 102456  
Version no: 532B

TEST RECORD 00028

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

Air Blank:  
02/03/16 18:57 .000  
Calibration Check:  
21 02/03/16 18:57 .100

Subject Name

*Cal 1*

Subject I.D.

Operator Name, I.D.

*S. Stevens 2113*

Location

*CPD*

# Airgas

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: 23-Feb-2015

Lot # AG505101

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
20-Feb-2017	108	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	EB0010596	208.9 ppm
EB0010561	103.7 ppm	EB0010662	104.9 ppm
EB0010681	52.22 ppm	EB0010579	52.94 ppm

Analytical Method: NDIR

Digitally signed by Rod Marsala  
Date: 2015.02.23 11:08:59  
Reason: I am a participant in the analysis.  
Location: St. Louis, MO, USA

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

*Rod Marsala*  
Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01