



**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 102464	PRINTER SN 08C.3527.166	DATE OF INSPECTION 03/01/2016
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LOCATION OF INSTRUMENT (STREET AND CITY) 600 E. Walnut Columbia (Columbia PD)	TIME OF INSPECTION 6:46 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**

SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Intoximeter 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 ➔ .098

TEST 2 ➔ .099

TEST 3 ➔ .099

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).

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Nathan Turner
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TYPE II PERMIT NUMBER/EXPIRATION DATE 250099 05/11/2017	TELEPHONE NUMBER (573) 874-7652
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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**  
 Intoximeters, Inc.  
 2081 Craig Road  
 St. Louis, Mo 63146

**Test Date:** 23-Feb-2015

Lot # AG505101

<b>Exp. Date</b>	<b>Cyl. Type</b>	<b>Component</b>	<b>Certified Concentration</b>
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
EB0010286	209.0 ppm	EB0010595	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 Quality Control  
 Date: 2015.02.23 15:38:13 -08:00  
 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: 102464  
Version no: 532B

TEST RECORD 00020

Temp	Date	Time	a/ 210L
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Air Blank:  
03/01/16 18:49 .000  
Subject Test: Man  
21 03/01/16 18:49 .099

Subject Name

Test

Subject I.D.

Operator Name, I.D.

Turner 1985

Location

CPD

AS IV Serial no: 102464  
Version no: 532B

TEST RECORD 00018

Temp	Date	Time	a/ 210L
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Air Blank:  
03/01/16 18:46 .000  
Subject Test: Man  
21 03/01/16 18:46 .098

Subject Name

Test

Subject I.D.

Operator Name, I.D.

Turner 1985

Location

CPD

AS IV Serial no: 102464  
Version no: 532B

TEST RECORD 00021

Temp	Date	Time	a/ 210L
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VOID: RFI  
12 03/01/16 18:50

Subject Name

Test

Subject I.D.

Operator Name, I.D.

Turner 1985

Location

CPD

AS IV Serial no: 102464  
Version no: 532B

TEST RECORD 00019

Temp	Date	Time	a/ 210L
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Air Blank:  
03/01/16 18:47 .000  
Subject Test: Man  
21 03/01/16 18:47 .099

Subject Name

Test

Subject I.D.

Operator Name, I.D.

Turner 1985

Location

CPD