



**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 104658	PRINTER SN 096.3580.740	DATE OF INSPECTION 02/15/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 8920 Natural Bridge Saint Louis		TIME OF INSPECTION 1:02 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**

- SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Intoximeters LOT # AG306401 EXP. DATE 03/05/2015
- 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 ← .084	TEST 2 ← .084	TEST 3 ← .084
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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	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 <i>Richard A Erwin</i>	PRINT NAME Richard A Erwin
TYPE II PERMIT NUMBER/EXPIRATION DATE 220105/05-09-2014	TELEPHONE NUMBER (314) 889-2341

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: 104658  
Version no: 004C

TEST RECORD 00153

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

Air Blank:  
02/15/14 01:02 .000  
Subject Test: Man  
20 02/15/14 01:02 .004

Subject Name  
Jon Doe

Subject I.D.  
123

Operator Name, I.D.  
Erwin 284

Location  
8920 Natural

Bridge

AS IV Serial no: 104658  
Version no: 004C

TEST RECORD 00154

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

Air Blank:  
02/15/14 01:03 .000  
Subject Test: Man  
20 02/15/14 01:03 .004

Subject Name  
Jon Doe

Subject I.D.  
123

Operator Name, I.D.  
Erwin 284

Location  
8920 Natural

Bridge

AS IV Serial no: 104658  
Version no: 004C

TEST RECORD 00155

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

Air Blank:  
02/15/14 01:05 .000  
Subject Test: Man  
20 02/15/14 01:05 .004

Subject Name  
Jon Doe

Subject I.D.  
123

Operator Name, I.D.  
Erwin 284

Location  
8920 Natural

Bridge

AS IV Serial no:  
Version no: 1

TEST RECORD 00

Temp Date Time

Void RFI  
12 02/15/14 01:06

Subject Name  
Jon Doe RT

Subject I.D.  
123578

Operator Name, I.D.  
Erwin 284

Location  
8920 Natural

Bridge

# 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: 6-Mar-2013

Lot # AG306401

<u>Exp. Date</u>	<u>Cvl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
5-Mar-2015	108	Ethanol	0.082 ± 0.002 Br/AC (223 ppm)
		Nitrogen	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:

*Kevin M. ...*

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01

State of Missouri  
DEPARTMENT OF HEALTH



PERMIT  
TYPE II



RICH ERWIN

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 05/09/2012

Number 220105

Director of State Public Health Laboratory

Expires 05/09/2014

Director, Department of Health

MO 589-0771 (7-89)

Lab. 4 (R7-98)