



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

RECEIVED 7/15/14-CD ^{REPORT #7}

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and w **REVIEWED** instrument is repaired.
 Send copy to Department of Health and Senior Services; retain original in department file.
 By Carol Day at 3:03 pm, Jul 21, 2014

ALCO SENSOR IV SN 035485	PRINTER SN 096.3580.926	DATE OF INSPECTION 7-1-14
LOCATION OF INSTRUMENT (STREET AND CITY) 101 Sheriff Dierker Ct. O'Fallon		TIME OF INSPECTION 0845

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.

<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)	passed
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C)	25°C
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY	passed
<input checked="" type="checkbox"/> TIME AND DATE DISPLAYING PROPERLY	0850 7-1-14

BREATH ALCOHOL ACCURACY STANDARDS

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER Intoximeters	LOT # AG402703 EXP. DATE 1-27-16

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)

<input type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
<input checked="" type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 • .079	TEST 2 • .078	TEST 3 • .078
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RFI DETECTOR OPERATING **passed**

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) 1	(.10-.14) 0	(.15-.19) 1	(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).

Tru Cal .078
Replaced internal printer battery

INSPECTING OFFICER	
SIGNATURE Michael C. Hoefle	PRINT NAME Michael C. Hoefle
TYPE II PERMIT NUMBER/EXPIRATION DATE 220180 8-3-14	TELEPHONE NUMBER 636-949-0809

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: 28-Jan-2014

Lot # AG402703

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
27-Jan-2016	108	Ethanol Nitrogen	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

Digitally signed by Quality Control
 Date: 2014.01.28 12:39:44 -06:00
 Reason: Dry gas standard certification of analysis
 Location: Airgas USA LLC (Lab)

Analyst: _____

Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
TYPE II



MICHAEL C HOEFLE

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 08/03/2012

Number 220180

Expires 08/03/2014

MO 580-0771 (7-88)

Director of State Public Health Laboratory

Director, Department of Health

Lab. 4 (R7-88)

AS IV Serial no: 035485
Version no: 532B

TEST RECORD 00041 s/
Temp Date Time 210L

Air Blank: 07/01/14 08:51 .000
Calibration Check: 25 07/01/14 08:51 .079

Subject Name

Subject I.D.

Operator Name, I.D. *Apple 510*
Location *101 Sheriff Dierker Ct*

AS IV Serial no: 035495
Version no: 532B

TEST RECORD 00042 s/
Temp Date Time 210L

Air Blank: 07/01/14 08:53 .000
Calibration Check: 26 07/01/14 08:53 .078

Subject Name

Subject I.D.

Operator Name, I.D. *Apple 510*
Location *101 Sheriff Dierker Ct*

AS IV Serial no: 035485
Version no: 532B

TEST RECORD 00043 s/
Temp Date Time 210L

Air Blank: 07/01/14 08:54 .000
Calibration Check: 27 07/01/14 08:54 .078

Subject Name

Subject I.D.

Operator Name, I.D. *Apple 510*
Location *101 Sheriff Dierker Ct*

AS IV Serial no: 035485
Version no: 532B

TEST RECORD 00044 s/
Temp Date Time 210L

VOID: NFI
12 07/01/14 08:56

Subject Name

Subject I.D.

Operator Name, I.D. *Apple 510*
Location *101 Sheriff Dierker Ct*