



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE

RECEIVED

REPORT #

By Carol Day at 11:35 am, Oct 08, 2014

Complete this report in duplicate at the time of the regular monthly preventive maintenance. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 030798	PRINTER SN 91.9821.035	DATE OF INSPECTION 10-8-14
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LOCATION OF INSTRUMENT (STREET AND CITY) 101 Sher. H Dierker Ct. O'Fallon	TIME OF INSPECTION 0030
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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.

<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL) passed
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C) 21°C
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY passed
<input checked="" type="checkbox"/> TIME AND DATE DISPLAYING PROPERLY 0030 10-8-14

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	
<input type="checkbox"/> 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 • .079	TEST 3 • .079
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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) 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 Michael C. Hoelke	PRINT NAME Michael C. Hoelke
TYPE II PERMIT NUMBER/EXPIRATION DATE 240296 7-15-16	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> 27-Jan-2016	<u>Cyl. Type</u> 108	<u>Component</u> Ethanol Nitrogen	<u>Certified Concentration</u> 0.080 ± 0.002 BrAC (218 ppm) Balance
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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 AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM



PERMIT
 TYPE II

MICHAEL C HOEFLE

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV WITH PRINTER

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 7/15/2014

NUMBER 240296

EXPIRES 7/15/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 680-9771 (6-10)

LAB-4 (R6-10)



STATE OF MISSOURI
 DEPARTMENT OF HEALTH AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.



Operator HOEFLE, MICHAEL
 Permit No 240296
 Date Issued 7/15/2014 Date Expires 7/15/2016

AS IV Serial no: 030798
Version no: 532B

TEST RECORD 00070

Temp Date Time 210L

Air Blank: 10/08/14 00:36

Calibration Check: 12 10/08/14 00:36

Subject Name

Subject I.D.
focke 510

Operator Name
101 ShearP Dierker

AS IV Serial no: 030798
Version no: 532B

TEST RECORD 00069

Temp Date Time 210L

Air Blank: 10/08/14 00:34 .000

Calibration Check: 22 10/08/14 00:34 .079

Subject Name

Subject I.D.
focke 510

Operator Name, I.D.
101 ShearP Dierker

AS IV Serial no: 030798
Version no: 532B

TEST RECORD 00068

Temp Date Time 210L

Air Blank: 10/08/14 00:32 .090

Calibration Check: 21 10/08/14 00:32 .079

Subject Name

Subject I.D.
focke 510

Operator Name, I.D.
101 ShearP Dierker

AS IV Serial no: 030798
Version no: 532B

TEST RECORD 00067

Temp Date Time 210L

Air Blank: 10/08/14 00:31 .000

Calibration Check: 21 10/08/14 00:31 .079

Subject Name

Subject I.D.
focke 510

Operator Name, I.D.
101 ShearP Dierker