



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

RECEIVED
 REPORT #
 By Carol Day at 2:26 pm, Jan 23, 2014

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 097432 PRINTER SN 84.9324.045 DATE OF INSPECTION 1-17-14

LOCATION OF INSTRUMENT (STREET AND CITY) 101 Sheriff Dieter Ct. O'Fallon TIME OF INSPECTION 0840

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) passed

TEMPERATURE OF ALCO SENSOR (10°C - 40°C) 20°C

PRINTER WORKING PROPERLY passed

TIME AND DATE DISPLAYING PROPERLY 0853 1-17-14

BREATH ALCOHOL ACCURACY STANDARDS

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Intoximeter LOT # AG230602 EXP. DATE 11-1-14

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 .080 TEST 2 .079 TEST 3 .079

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

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 .079

INSPECTING OFFICER

SIGNATURE Michael C. Hoefle PRINT NAME Michael C. Hoefle

TYPE II PERMIT NUMBER/EXPIRATION DATE 220180 2-3-14 TELEPHONE NUMBER 8636949-0809

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 Mid America (LABORATORY)
 3500 Bernard Street
 St. Louis, Mo. 63103
 Ph: (314) 533-3100
 Fax: (314) 533-7328

Certificate of Analysis

Customer Name
 Intoximeters, Inc.
 2051 Craig Road
 St. Louis, Mo 63146

Test Date: 1-Nov-2012

Dear Sir,

This is your Certificate of Analysis:

<u>Exp. Date</u> 11/1/2014	<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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Lot # AG230602

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	391.5 ppm	EB0010603	390.9 ppm
EB0010570	258.4 ppm	EB0010559	258.3 ppm
EB0010285	208.9 ppm	EB0010595	209.2 ppm
EB0010661	101.9 ppm	EB0010562	104.9 ppm
EB0010681	53.0 ppm	EB0010579	52.4 ppm

Analytical Method: NDIR

Analyst: 

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01

AS IV Serial no: 097432
Version no: 004C

TEST RECORD 01235

Temp Date Time 210L
s/

Air Blank: 01/17/14 08:56 .000
Calibration Check: 21 01/17/14 08:56 .000

Subject Name

Subject I.D.

Operator Name, I.D.

Apple S10
Location
101 Sheriff Dierker Ct

AS IV Serial no: 097432
Version no: 004C

TEST RECORD 01236

Temp Date Time 210L
s/

Air Blank: 01/17/14 08:57 .000
Calibration Check: 22 01/17/14 08:57 .079

Subject Name

Subject I.D.

Operator Name, I.D.

Apple S10
Location
101 Sheriff Dierker Ct

AS IV Serial no: 097432
Version no: 004C

TEST RECORD 01237

Temp Date Time 210L
s/

Air Blank: 01/17/14 08:59 .000
Calibration Check: 22 01/17/14 08:59 .079

Subject Name

Subject I.D.

Operator Name, I.D.

Apple S10
Location
101 Sheriff Dierker Ct

AS IV Serial no: 097432
Version no: 004C

TEST RECORD 01238

Temp Date Time 210L
s/

Void: RFI
12 01/17/14 09:02

Subject Name

Subject I.D.

Operator Name, I.D.

Apple S10
Location
101 Sheriff Dierker Ct

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 680-0771 (7-88)

Director of State Public Health Laboratory

Director, Department of Health

Lab. 4 (R7-88)