MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

RECEIVED
By Carol Day at 8:48 am, May 30, 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	PRINTER SN	DATE OF INSPECTION
097432	84.9324.045	5-29-14
LOCATION OF INSTRUMENT (STREET AND CITY)		TIME OF INSPECTION
101 Sheriff Dierker Ct. O'Fallon		2330

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.

- [x] DIGITAL READOUT (ALL ELEMENTS OPERATIONAL) passed
- [x] TEMPERATURE OF ALCO SENSOR (10°C - 40°C) 27°C
- [x] PRINTER WORKING PROPERLY passed
- [x] TIME AND DATE DISPLAYING PROPERLY 2341 5-29-14

BREATH ALCOHOL ACCURACY STANDARDS

- [ ] SIMULATOR SOLUTION
- [x] COMPRESSED ETHANOL-GAS MIXTURE

- [x] STANDARD SUPPLIER Intoximeters LOT # AG402703 EXP. DATE 1-27-16

- [ ] SIMULATOR TEMPERATURE (34°C ± 0.2°C) _____ SIMULATOR SN _____ SIMULATOR EXP DATE _____

- [x] 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
  - [x] 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	TEST 2	TEST 3
.078	.078	.077

- [x] 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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
0	0	1	4	0	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	PRINT NAME
Michael C. Hoefle	Michael C. Hoefle
TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
2201 80 8-3-14	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

AS IV Serial no: 097432
Version no: 532B

TEST RECORD 00035

Temp	Date	Time	s/ 210L
Air Blank:			
	05/29/14	23:42	.000
Calibration Check:			
27	05/29/14	23:42	.078

Subject Name

Subject I.D.

Operator Name, I.D.
Hoche 510

Location
101 Sheriff Dieter Ct

AS IV Serial no: 097432
Version no: 532B

TEST RECORD 00036

Temp	Date	Time	s/ 210L
Air Blank:			
	05/29/14	23:44	.000
Calibration Check:			
28	05/29/14	23:44	.078

Subject Name

Subject I.D.

Operator Name, I.D.
Hoche 510

Location
101 Sheriff Dieter Ct

AS IV Serial no: 097432
Version no: 532B

TEST RECORD 00037

Temp	Date	Time	s/ 210L
Air Blank:			
	05/29/14	23:45	.000
Calibration Check:			
28	05/29/14	23:45	.077

Subject Name

Subject I.D.

Operator Name, I.D.
Hoche 510

Location
101 Sheriff Dieter Ct

AS IV Serial no: 097432
Version no: 532B

TEST RECORD 00038

Temp	Date	Time	s/ 210L
VOID: RFI			
12	05/29/14	23:46	

Subject Name

Subject I.D.

Operator Name, I.D.
Hoche 510

Location
101 Sheriff Dieter Ct

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: 28-Jan-2014

Lot # AG402703

Exp. Date	Cyl. Type	Component	Certified Concentration
27-Jan-2016	108	Ethanol	0.080 ± 0.002 BrAC (218 ppm)
		Nitrogen	Balance

Certification Traceable to N.I.S.T. RGM Ethanol Standards:

Serial No.	Concentration	Serial No.	Concentration
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
Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01

State of Missouri
DEPARTMENT OF HEALTH

PERMIT
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

Director of State Public Health Laboratory

Director, Department of Health

MO 580-0771 (7-88)

Lab. 4 (RY-88)