MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 9:11 am, Sep 08, 2014

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	PRINTER SN	DATE OF INSPECTION
087959	08C.3527.093	09/05/2014

LOCATION OF INSTRUMENT (STREET AND CITY)	TIME OF INSPECTION
301 N. 2nd Street, St. Charles	1110

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) 25° C
- [x] PRINTER WORKING PROPERLY PASSED
- [x] TIME AND DATE DISPLAYING PROPERLY 09-05-2014 1117

BREATH ALCOHOL ACCURACY STANDARDS

- [ ] SIMULATOR SOLUTION
- [x] COMPRESSED ETHANOL-GAS MIXTURE
- [x] STANDARD SUPPLIER Intoximeters, Inc. LOT # AG402703 EXP. DATE 01/27/2016
- [ ] 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	.078

- [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	0	1	1	1

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).

TRUCAL .079

INSPECTING OFFICER

SIGNATURE	PRINT NAME
570	Deputy Fournell, D. DSN 570

TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
240274 / 06-13-2016	(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

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER
services provided on a nondiscriminatory basis

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 AND SENIOR SERVICES

BREATH ALCOHOL PROGRAM

2

PERMIT

TYPE II

DAVID FOURNELL

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 6/13/2014

NUMBER 240274

EXPIRES 6/13/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (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 FOURNELL, DAVID
Permit No 240274
Date Issued 6/13/2014 **Date Expires** 6/13/2016

AS IV Serial no: 007959
Version no: 532B

TEST RECORD 00083

Temp	Date	Time	%/210L
Air Blank:			
	09/05/14	11:17	.003
Calibration Check:			
10	09/05/14	11:17	.078

Subject Name

Subject I.D.

Operator Name, I.D.

FOURNELL, D. 570

Location

~~101 SHERIFF DEPOOR CT~~

~~O'FALLON~~, MO

ST. CHARLES

AS IV Serial no: 007959
Version no: 532B

TEST RECORD 00084

Temp	Date	Time	%/210L
Air Blank:			
	09/05/14	11:19	.000
Calibration Check:			
25	09/05/14	11:19	.078

Subject Name

Subject I.D.

Operator Name, I.D.

FOURNELL, D. 570

Location

301 N. 2ND STREET

ST. CHARLES, MO

AS IV Serial no: 007959
Version no: 532B

TEST RECORD 00085

Temp	Date	Time	%/210L
Air Blank:			
	09/05/14	11:24	.003
Calibration Check:			
25	09/05/14	11:24	.078

Subject Name

Subject I.D.

Operator Name, I.D.

FOURNELL, D. 570

Location

301 N. 2ND STREET

ST. CHARLES, MO

AS IV Serial no: 007959
Version no: 532B

TEST RECORD 00086

Temp	Date	Time	%/210L
VOID: ROI			
12	09/05/14	11:25	

Subject Name

Subject I.D.

Operator Name, I.D.

FOURNELL, D. 570

Location

301 N. 2ND STREET

ST. CHARLES, MO