RECEIVED
By Carol Day at 10:40 am, Feb 04, 2016

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

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
102456	096.3580.982	02/03/2016
LOCATION OF INSTRUMENT (STREET AND CITY)		TIME OF INSPECTION
600 E. WALNUT		6:55 pm

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)
- [x] TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
- [x] PRINTER WORKING PROPERLY
- [x] TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

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

- [x] STANDARD SUPPLIER INTOIMETERS LOT # AG505101 EXP. DATE 02/20/2017
- [ ] 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)
  - [x] 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 ☛ .100	TEST 2 ☛ .099	TEST 3 ☛ .098

- [x] RFI DETECTOR OPERATING

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	0	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).

NEW INSTRUMENT IMPLEMENTATION

INSPECTING OFFICER

SIGNATURE	PRINT NAME
▸ 2113	SPIRIT STEVENS
TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
344517 11/17/16	(573) 442-6131

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

AS IV Serial no: 102456
Version no: 532B

TEST RECORD 00030

Temp	Date	Time	g/ 210L

Air Blank:
02/03/16 19:00 .000
Calibration Check:
23 02/03/16 19:00 .098

Subject Name
Cal 3
Subject I.D.

Operator Name, I.D.
S. Stevens 2113
Location
CPD

AS IV Serial no: 102456
Version no: 532B

TEST RECORD 00029

Temp	Date	Time	g/ 210L

Air Blank:
02/03/16 18:58 .000
Calibration Check:
22 02/03/16 18:58 .099

Subject Name
Cal 2
Subject I.D.

Operator Name, I.D.
S. Stevens 2113
Location
CPD

AS IV Serial no: 102456
Version no: 532B

TEST RECORD 00031

Temp	Date	Time	g/ 210L

VOID: RTI
12 02/03/16 19:00

Subject Name
RFI
Subject I.D.

Operator Name, I.D.
S. Stevens 2113
Location
CPD

AS IV Serial no: 102456
Version no: 532B

TEST RECORD 00028

Temp	Date	Time	g/ 210L

Air Blank:
02/03/16 18:57 .000
Calibration Check:
21 02/03/16 18:57 .100

Subject Name
Cal 1
Subject I.D.

Operator Name, I.D.
S. Stevens 2113
Location
CPD

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: 23-Feb-2015

Lot # AG505101

Exp. Date	Cyl. Type	Component	Certified Concentration
20-Feb-2017	108	Ethanol	0.100 ± 2% BrAC (272 ppm)
		Nitrogen	Balance

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

Serial No.	Concentration	Serial No.	Concentration
EB0010581	391.8 ppm	EB0010503	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 Cindy [illegible]
Date: [illegible]
Reason: [illegible]
Location: Airgas [illegible]

Analyst: Rod Marsala
Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01