



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

RECEIVED
 By Carol Day at 3:15 pm, Feb 10, 2016

REPORT # 7

Complete this report in duplicate at the time of the regular monthly preventive 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 102464	PRINTER SN 08c.3527.166	DATE OF INSPECTION 02/10/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 600 E. Walnut, Columbia (Columbia PD)		TIME OF INSPECTION 9:46 am

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

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION
- COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Intox LOT # AG505101 EXP. DATE 02/20/2017

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 .098 TEST 2 .097 TEST 3 .098

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 (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).

INSPECTING OFFICER

SIGNATURE PRINT NAME
 Nathan Turner

TYPE II PERMIT NUMBER/EXPIRATION DATE TELEPHONE NUMBER
 250099 05/11/2017 (573) 874-7652

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: 23-Feb-2015

Lot # AG505101

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

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: 2015.02.23 15:38:13 -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

AS IV Serial no: 102464
Version no: 532B

TEST RECORD 00010

Temp Date Time ^{s/}

210L

Air Blank:
02/10/16 09:46 .000
Calibration Check:
22 02/10/16 09:46 .098

Subject Name

Test

Subject I.D.

Operator Name, I.D.

Turner 1985

Location

LPI

AS IV Serial no: 102464
Version no: 532B

TEST RECORD 00011

Temp Date Time ^{s/}

210L

Air Blank:
02/10/16 09:48 .000
Calibration Check:
23 02/10/16 09:48 .097

Subject Name

Test

Subject I.D.

Operator Name, I.D.

Turner 1985

Location

LPI

AS IV Serial no: 102464
Version no: 532B

TEST RECORD 00012

Temp Date Time ^{s/}

210L

Air Blank:
02/10/16 09:50 .000
Calibration Check:
23 02/10/16 09:50 .098

Subject Name

Test

Subject I.D.

Operator Name, I.D.

Turner 1985

Location

LPI

AS IV Serial no: 102464
Version no: 532B

TEST RECORD 00013

Temp Date Time ^{s/}

210L

VOID: RFI
12 02/10/16 09:51

Subject Name

Test

Subject I.D.

Operator Name, I.D.

Turner 1985

Location

LPI