



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

RECEIVED
 By Carol Day at 9:35 am, Sep 17, 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 102471	PRINTER SN 8A.3539.008	DATE OF INSPECTION 09/12/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 2111 County Drive, Columbia		TIME OF INSPECTION 4:12 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.

- 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 Intoximeters LOT # AG412701 EXP. DATE 05/07/2016
- 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 .079	TEST 2 .079	TEST 3 .080
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- 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
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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).

Dry Gas Tank #021

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Sgt. Brian Leer # 5629
TYPE II PERMIT NUMBER/EXPIRATION DATE 220300 / 09-25-2014	TELEPHONE NUMBER (573) 875-1111

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: 102471
Version no: 532B

TEST RECORD 00061

Temp	Date	Time	%
Air Blank:			
	09/12/14	16:14	.000
Calibration Check:			
	24 09/12/14	16:14	.079

Subject Name

Accuracy Check #1 - Maint

Subject I.D.

N/A

Operator Name: I.D.

Brian Leer Permit # 220300

Exp: 9/25/2014

Location

8111 County Drive

Columbia, MD 65202

(BCSD Annex)

AS IV Serial no: 102471
Version no: 532B

TEST RECORD 00062

Temp	Date	Time	%
Air Blank:			
	09/12/14	16:16	.000
Calibration Check:			
	25 09/12/14	16:16	.079

Subject Name

Accuracy Check #2 - Maint

Subject I.D.

N/A

Operator Name: I.D.

Brian Leer Permit # 220300

Exp: 9/25/2014

Location

8111 County Drive

Columbia, MD 65202

(BCSD Annex)

AS IV Serial no: 102471
Version no: 532B

TEST RECORD 00063

Temp	Date	Time	%
Air Blank:			
	09/12/14	16:17	.000
Calibration Check:			
	25 09/12/14	16:17	.000

Subject Name

Accuracy Check #3 - Maint

Subject I.D.

N/A

Operator Name: I.D.

Brian Leer Permit # 220300

Exp: 9/25/2014

Location

8111 County Drive

Columbia, MD 65202

(BCSD Annex)

AS IV Serial no: 102471
Version no: 532B

TEST RECORD 00064

Temp	Date	Time	%
WDIR RFI			
	12 09/12/14	16:19	

Subject Name

RFI Test - Maint

Subject I.D.

N/A

Operator Name: I.D.

Brian Leer Permit # 220300

Exp: 9/25/2014

Location

8111 County Drive

Columbia, MD 65202

(BCSD Annex)

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
TYPE II



BRIAN S LEER

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

DATAMASTER; 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 09/25/2012

Number **220300**

Expires 09/25/2014

MO 580-0771 (7-88)

Director of State Public Health Laboratory

Director, Department of Health

Lab. 4 (R7-88)



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: 8-May-2014

Lot # AG412701

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
7-May-2016	108	Ethanol Nitrogen	0.080 ± 0.002 BrAC (218 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: 2014.05.08 12:12:39 -05:00
 Reason: Dry gas standard certification of analysis
 Location: Airgas USA LLC (Lab)

Analyst: 
 Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01