



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 w
Send copy to Department of Health and Senior Services; retain original in department file.

RECEIVED Instrument is repaired.
By Carol Day at 11:39 am, Jul 02, 2015

ALCO SENSOR IV SN 062088	PRINTER SN 096.3580.929	DATE OF INSPECTION 06/18/2015
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LOCATION OF INSTRUMENT (STREET AND CITY) 7447 Dale Avenue, Richmond Heights, MO 63117	TIME OF INSPECTION 2:04 pm
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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

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
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<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters Inc.</u>	LOT # <u>AG414901</u>	EXP. DATE <u>01/29/2016</u>
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<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C)	SIMULATOR SN	SIMULATOR EXP DATE
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- 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 ← .081	TEST 2 ← .082	TEST 3 ← .081
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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).

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME Sergeant Todd Melugin DSN 153
TYPE II PERMIT NUMBER/EXPIRATION DATE 240418 11/24/2016	TELEPHONE NUMBER (314) 647-5656

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: 1-Jun-2014

Lot # AG414901

Exp. Date
29-Jan-2016

Cyl. Type
30

Component
Ethanol
Nitrogen

Certified Concentration
0.082 ± 0.002 BrAC (223 ppm)
Balance

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

Serial No.
EB0010581
EB0010570
EB0010285
EB0010561
EB0010681

Concentration
391.8 ppm
259.8 ppm
209.0 ppm
103.7 ppm
52.22 ppm

Serial No.
EB0010603
EB0010559
EB0010595
EB0010562
EB0010579

Concentration
392.5 ppm
258.9 ppm
208.9 ppm
104.9 ppm
52.94 ppm

Analytical Method: NDIR

Digitally signed by Quality Control
Date: 2014.06.02 10:51:00 -05:00
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

AS IV Serial no: 062088
Version no: 532B

TEST RECORD 06319

Temp Date Time ^{9/} 210L

VOID: RTI
12 06/18/15 14:00

Subject Name

TEST

Subject I.D.

Operator Name: I.D.

Location

7447 Dale Ave

AS IV Serial no: 062088
Version no: 532B

TEST RECORD 06318

Temp Date Time ^{9/} 210L

Air Blank:
06/18/15 14:03 .000
Calibration Check:
27 06/18/15 14:03 .081

Subject Name

TEST

Subject I.D.

Operator Name: I.D.

Location

7447 Dale Ave

AS IV Serial no: 062088
Version no: 532B

TEST RECORD 06316

Temp Date Time ^{9/} 210L

Air Blank:
06/18/15 13:59 .000
Calibration Check:
25 06/18/15 13:59 .082

Subject Name

TEST

Subject I.D.

Operator Name: I.D.

Location

7447 Dale Ave

AS IV Serial no: 062088
Version no: 532B

TEST RECORD 06315

Temp Date Time ^{9/} 210L

Air Blank:
06/18/15 13:57 .000
Calibration Check:
25 06/18/15 13:57 .081

Subject Name

TEST

Operator Name: I.D.

Location

7447 Dale Ave



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM



**PERMIT
TYPE II**

TODD M MELUGIN

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

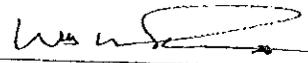
for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 11/24/2014

NUMBER 240418

EXPIRES 11/24/2016

MO 580-0771 (6-10)



DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
Darl Vosterby

acting director
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 MELUGIN, TODD
Permit No 240418
Date Issued 11/24/2014 Date Expires 11/24/2016