



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

**RECEIVED**

By Carol Day at 2:06 pm, Jan 28, 2016

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 108388	PRINTER SN 099.3586.815	DATE OF INSPECTION 01/27/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 9928 GRAVOIS ROAD ST. LOUIS		TIME OF INSPECTION 0:03 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 INTOXIMETERS LOT # AG533901 EXP. DATE 08/05/2017

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 0.098      TEST 2 0.098      TEST 3 0.098

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)    3    (.15-.19)    0    (OVER .19)    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).

Re-Calibrated to 0.098 for Altitude Value.

**INSPECTING OFFICER**

SIGNATURE 3026      PRINT NAME  
DONALD M. JACQUIN

TYPE II PERMIT NUMBER/EXPIRATION DATE      TELEPHONE NUMBER  
250318    12/28/2017      (314) 677-9921

**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

ALCO-SENSOR IV MONTHLY MAINTENANCE REPORT

JANUARY 27, 2016

UNIT #108388

PRINTER #099.3586.815

AS IV Serial no: 108388  
Version no: 532B

TEST RECORD 00230  
Temp Date Time 210L  
s/

Air Blank:  
01/27/16 00:03 .000  
Calibration:  
25 01/27/16 00:03 .098

Subject Name  
CAL

Subject I.D.  
N/A

Operator Name, I.D.  
JACQUIN 250318

Location  
9928 GRANOVIS

PCT 3

AS IV Serial no: 108388  
Version no: 532B

TEST RECORD - REPRINT  
TEST RECORD 00231  
Temp Date Time 210L  
s/

Air Blank:  
01/27/16 00:05 .000  
Calibration Check:  
27 01/27/16 00:05 .098

Subject Name  
TEST 1

Subject I.D.  
N/A

Operator Name, I.D.  
JACQUIN 250318

Location  
9928 GRANOVIS

AS IV Serial no: 108388  
Version no: 532B

TEST RECORD 00234

Temp Date Time 210L  
s/

VOID: RFI  
12 01/27/16 00:12

Subject Name

RFI

Subject I.D.

N/A

Operator Name, I.D.

JACQUIN 250318

Location

9928 GRANOVIS AD

PCT 3

AS IV Serial no: 108388  
Version no: 532B

TEST RECORD 00232  
Temp Date Time 210L  
s/

Air Blank:  
01/27/16 00:09 .000  
Calibration Check:  
28 01/27/16 00:09 .098

Subject Name  
TEST 2

Subject I.D.  
N/A

Operator Name, I.D.  
JACQUIN 250318

Location  
9928 GRANOVIS

PCT 3

AS IV Serial no: 108388  
Version no: 532B

TEST RECORD 00233  
Temp Date Time 210L  
s/

Air Blank:  
01/27/16 00:11 .000  
Calibration Check:  
28 01/27/16 00:11 .098

Subject Name  
TEST 3

Subject I.D.  
N/A

Operator Name, I.D.  
JACQUIN 250318

Location  
9928 GRANOVIS

PCT 3



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

**PERMIT  
 TYPE II**

**DONALD M JACQUIN**

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 12/28/2015

NUMBER 250318

EXPIRES 12/28/2017

*W. W. S.*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*[Signature]*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (06-10)

MO-588-0771 (6-10)



Airgas USA LLC (LAB)

3500 Bernard Street

St. Louis, Mo. 63103

Ph: (314) 533-3100

Fax: (314) 533-7328

## Certificate of Analysis

**Customer Name**

Exclusive Supplier  
Intoximeters, Inc.  
2081 Craig Road  
St. Louis, Mo 63146

**Test Date:** 7-Dec-2015

**Lot # AG533901 Model 30cacc**

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
5-Aug-2017	30	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: 2015.12.07 14:29:01 -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