



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

**RECEIVED**  
By Carol Day at 10:06 am, Mar 22, 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 <b>108264</b>	PRINTER SN <b>099.3586.827</b>	DATE OF INSPECTION <b>3-22-16</b>
LOCATION OF INSTRUMENT (STREET AND CITY) <b>1200 S Helder Warrensburg</b>		TIME OF INSPECTION <b>0831</b>

**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 # **AG602301** EXP. DATE **01-23-2018**

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 **.098**

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).

**Replace Capacitor**

**INSPECTING OFFICER**

SIGNATURE  
**Donald D. DeBeard**

PRINT NAME  
**DONALD D. DEBEARD**

TYPE II PERMIT NUMBER/EXPIRATION DATE  
**250137 06/15/2017**

TELEPHONE NUMBER  
**660 573-8004**

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



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

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**PERMIT  
TYPE II**

**DONALD D DEBOARD**

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

**DATAMASTER, INTOX DMT, INTOXILYZER 5000, INTOXILYZER  
8000, ALCO-SENSOR IV WITH PRINTER, INTOX EC/IR II**

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.

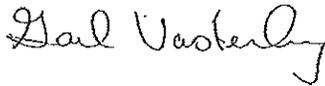
DATE 6/15/2015

NUMBER 250137

EXPIRES 6/15/2017

MO 580-0771 (6-10)

  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAS-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 DEBOARD, DONALD  
Permit No 250137  
Date Issued 6/15/2015 Date Expires 6/15/2017



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:** 24-Jan-2016

**Lot # AG602301 Model 108cacc**

**Exp. Date**

23-Jan-2018

**Cyl. Type**

108

**Component**

Ethanol  
Nitrogen

**Certified Concentration**

0.100 ± 2% BrAC (272 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: 2016.01.25 09:20:21 -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: 108264  
Version no: 532B

TEST RECORD 00118

Temp	Date	Time	9/ 210L
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Air Blank:  
03/22/16 08:31 .000  
Subject Test: Man  
27 03/22/16 08:31 .098

Subject Name

Subject I.D.

D DeBaard

Operator Name, I.D.

1200 S Holden

Location

Warrensburg

AS IV Serial no: 108264  
Version no: 532B

TEST RECORD 00120

Temp	Date	Time	9/ 210L
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Air Blank:  
03/22/16 08:34 .000  
Subject Test: Man  
28 03/22/16 08:34 .098

Subject Name

Subject I.D.

D DeBaard

Operator Name, I.D.

1200 S Holden

Location

Warrensburg

AS IV Serial no: 108264  
Version no: 532B

TEST RECORD 00119

Temp	Date	Time	9/ 210L
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Air Blank:  
03/22/16 08:33 .000  
Subject Test: Man  
27 03/22/16 08:33 .098

Subject Name

Subject I.D.

D DeBaard

Operator Name, I.D.

1200 S Holden

Location

Warrensburg

AS IV Serial no: 108264  
Version no: 532B

TEST RECORD 00121

Temp	Date	Time	9/ 210L
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VOID: RFI  
12 03/22/16 08:35

Subject Name

Subject I.D.

D DeBaard

Operator Name, I.D.

1200 S Holden

Location

Warrensburg

AS IV Serial no: 108264  
Version no: 532B

TEST RECORD 00115

Temp	Date	Time	9/ 210L
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Air Blank:  
03/22/16 08:12 .000  
Calibration Check:  
33 03/22/16 08:12 .099

Subject Name

Subject I.D.

D DeBaard

Operator Name, I.D.

1200 S Holden

Location

Warrensburg

