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By Tracy Crews at 2:13 pm, Nov 05, 2020



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 whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

|  |                                     |   |
|--|-------------------------------------|---|
| ALCO SENSOR IV SN<br><b>111739</b>   | NAME OF AGENCY<br><b>Bates City</b> | DATE OF INSPECTION<br><b>10/24/2020</b> |
| LOCATION OF INSTRUMENT (STREET AND CITY)<br><b>203 N. 2nd Street, Bates City</b> |                                     | TIME OF INSPECTION<br><b>11:25 A</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 \_\_\_\_\_ LOT # **AG003702** EXP. DATE **02/06/2022**

SIMULATOR TEMPERATURE (34°C ± 0.2°C) \_\_\_\_\_ SIM. SN \_\_\_\_\_ SIM. NIST 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 <b>.099</b> | TEST 2 <b>.099</b> | TEST 3 <b>.099</b> |
|--------------------|--------------------|--------------------|

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-.04) | (.05-.09) | (.10-.14) | (.15-.19) | (OVER .19) |
|----------|---------|-----------|-----------|-----------|------------|

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  
**Virginia De Board**

PRINT NAME  
**Virginia De Board**

TYPE II PERMIT NUMBER/EXPIRATION DATE  
**290037 02/20/2021**

TELEPHONE NUMBER  
**816-690-7515**

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

AS IV Serial no: 111739  
Version no: 532B

TEST RECORD 00335

| Temp | Date | Time | a/<br>210L |
|------|------|------|------------|
|------|------|------|------------|

Air Blank:  
10/24/20 11:25 .000  
Subject Test: Man  
22 10/24/20 11:25 .099

Subject Name

Subject I.D.

Operator Name, I.D. 984

Virginia DeBoard

Location

203 N 2nd St

Bates City Mo

AS IV Serial no: 111739  
Version no: 532B

TEST RECORD 00337

| Temp | Date | Time | a/<br>210L |
|------|------|------|------------|
|------|------|------|------------|

Air Blank:  
10/24/20 11:27 .000  
Subject Test: Man  
23 10/24/20 11:27 .099

Subject Name

Subject I.D.

Operator Name, I.D. 984

Virginia DeBoard

Location

203 N 2nd St

Bates City Mo

AS IV Serial no: 111739  
Version no: 532B

TEST RECORD 00336

| Temp | Date | Time | a/<br>210L |
|------|------|------|------------|
|------|------|------|------------|

Air Blank:  
10/24/20 11:26 .000  
Subject Test: Man  
22 10/24/20 11:26 .099

Subject Name

Subject I.D.

Operator Name, I.D. 984

Virginia DeBoard

Location

203 N 2nd

Bates City

AS IV Serial no: 111739  
Version no: 532B

TEST RECORD 00338

| Temp | Date | Time | a/<br>210L |
|------|------|------|------------|
|------|------|------|------------|

VOID: RFI  
12 10/24/20 11:28

Subject Name

Subject I.D.

Operator Name, I.D. 984

Virginia DeBoard

Location

203 N 2nd St

Bates City Mo



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



PERMIT  
TYPE II

VIRGINIA 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):

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 2/20/2019

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 290037

EXPIRES 2/20/2021

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-16)

LAB-4 (RS-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, VIRGINIA  
Permit No 290037  
Date Issued 2/20/2019 Date Expires 2/20/2021



Airgas USA LLC (LAB)  
 3500 Bernard Street  
 St. Louis, Mo. 63103  
 Ph: (314) 533-3100  
 Fax: (314) 533-7328

**Certificate of Analysis**

**Test Date:** 7-Feb-2020

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

**Lot # AG003702 Model 108cadd**

|                                       |                                |  |   |
|---------------------------------------|--------------------------------|--|---|
| <b><u>Exp. Date</u></b><br>6-Feb-2022 | <b><u>Cyl. Type</u></b><br>108 | <b><u>Component</u></b><br>Ethanol<br>Nitrogen | <b><u>Certified Concentration</u></b><br>0.100 ± 2% BrAC (272 ppm)<br>Balance |
|---------------------------------------|--------------------------------|--|---|

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

| <b><u>RGM Serial No.</u></b> | <b><u>Concentration</u></b> | <b><u>RGM Serial No.</u></b> | <b><u>Concentration</u></b> |
|------------------------------|-----------------------------|------------------------------|-----------------------------|
| EB0010581                    | 392.1 ppm                   | EB0010603                    | 393.0 ppm                   |
| EB0010570                    | 259.8 ppm                   | EB0010559                    | 258.2 ppm                   |
| EB0010285                    | 208.0 ppm                   | EB0010595                    | 208.3 ppm                   |
| EB0010561                    | 103.6 ppm                   | EB0010562                    | 104.2 ppm                   |
| EB0010681                    | 52.12 ppm                   | EB0010579                    | 52.81 ppm                   |

  

| <b><u>CRM Serial No.</u></b> | <b><u>Concentration</u></b> | <b><u>CRM Serial No.</u></b> | <b><u>Concentration</u></b> |
|------------------------------|-----------------------------|------------------------------|-----------------------------|
| CC434668                     | 800.0 ppm                   | 0056649                      | 390.1 ppm                   |
| CC234503                     | 253.0 ppm                   | 0056662                      | 150.2 ppm                   |

**Analytical Method:** NDIR

Digitally signed by Quality Control  
 Date: 2020.02.11 10:59:22 -06:00  
 Reason: Dry gas standard certification of analysis  
 Location: Airgas USA LLC (Lab)

Approved for Release:

Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 3082.06  
 ISO 17034:2016 A2LA accredited. Certificate Number 3082.07