



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

**RECEIVED**  
 By Tracy Crews at 9:25 am, Mar 01, 2023

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>119732   | NAME OF AGENCY<br>Vinita Park (MSC) | DATE OF INSPECTION<br>02/24/2023 |
| LOCATION OF INSTRUMENT (STREET AND CITY)<br>1200 S. Holden St Warrensburg, MO |                                     | TIME OF INSPECTION<br>10:49 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 # AG117403 EXP. DATE 06/23/2023
- 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 • .101 | TEST 2 • .101 | TEST 3 • .100 |
|---------------|---------------|---------------|

- 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).

|  |                                    |
|--|------------------------------------|
| <b>INSPECTING OFFICER</b>                                  |                                    |
| SIGNATURE<br>  | PRINT NAME<br>Ryan Schildknecht    |
| TYPE II PERMIT NUMBER/EXPIRATION DATE<br>210253 11/12/2023 | TELEPHONE NUMBER<br>(660) 543-4573 |

**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: 119732  
Version no: 532C

TEST RECORD 00005

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
02/24/23 10:49 .000  
Calibration Check:  
18 02/24/23 10:49 .101

Subject Name

Test #1

Subject I.D.

Operator Name, I.D.

Ryan Schildknecht 210253  
Location  
MSC

AS IV Serial no: 119732  
Version no: 532C

TEST RECORD 00006

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
02/24/23 10:50 .000  
Calibration Check:  
18 02/24/23 10:50 .101

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

Ryan Schildknecht 210253  
Location  
MSC

AS IV Serial no: 119732  
Version no: 532C

TEST RECORD 00007

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
02/24/23 10:51 .000  
Calibration Check:  
18 02/24/23 10:51 .100

Subject Name

Test #3

Subject I.D.

Operator Name, I.D.

Ryan Schildknecht 210253  
Location  
MSC

AS IV Serial no: 119732  
Version no: 532C

TEST RECORD 00008

Temp Date Time <sup>g/</sup> 210L

VOID: RFI  
12 02/24/23 10:53

Subject Name

RFI

Subject I.D.

Operator Name, I.D.

Ryan Schildknecht 210253  
Location  
MSC

AS IV Serial no: 119732  
Version no: 532C

TEST RECORD 00009

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
02/24/23 10:55 .000  
Calibration Check:  
19 02/24/23 10:55 .100

Subject Name

Acc check w/wet

Subject I.D.

Operator Name, I.D.

Ryan Schildknecht 210253  
Location  
MSC



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:** 23-Jun-2021

**Lot # AG117403 Model 108cadd**

| <u>Exp. Date</u> | <u>Cyl. Type</u> | <u>Component</u>    | <u>Certified Concentration</u>       |
|------------------|------------------|---------------------|--------------------------------------|
| 23-Jun-2023      | 108              | Ethanol<br>Nitrogen | 0.100 ± 2% BrAC (272 ppm)<br>Balance |

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

| <u>RGM Serial No.</u> | <u>Concentration</u> | <u>RGM Serial No.</u> | <u>Concentration</u> |
|-----------------------|----------------------|-----------------------|----------------------|
| 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            |

  

| <u>CRM Serial No.</u> | <u>Concentration</u> | <u>CRM Serial No.</u> | <u>Concentration</u> |
|-----------------------|----------------------|-----------------------|----------------------|
| 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: 2021.06.24 11:40:09 -05:00  
 Reason: Dry gas standard certification of analysis  
 Location: Airgas USA LLC (Lab)

Approved for Release:

\_\_\_\_\_  
 Rod Marsala

**ISO 17025:2017 A2LA accredited. Certificate Number 3082.06**  
**ISO 17034:2016 A2LA accredited. Certificate Number 3082.07**



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

2

**PERMIT**  
**TYPE II**  
**RYAN SCHILDKNECHT**

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

**INTOX DMT, INTOXILYZER 8000, INTOX EC/IR II, ASIV W/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 11/12/2021

NUMBER 210253

EXPIRES 11/12/2023

MO 580-0771 (6-10)

*Laura G. Nagy*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Donald S. Ramsey*

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 SCHILDKNECHT, RYAN  
Permit No 210253  
Date Issued 11/12/2021 Date Expires 11/12/2023