



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

**RECEIVED**  
 By Tracy Crews at 3:21 pm, Jan 10, 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>111751   | NAME OF AGENCY<br>Boone County Sheriff's Office | DATE OF INSPECTION<br>01/10/2023 |
| LOCATION OF INSTRUMENT (STREET AND CITY)<br>2111 E County Drive, Columbia, MO 65202 |   | TIME OF INSPECTION<br>8:09 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**

|   |  |
|---|--|
| <input type="checkbox"/> SIMULATOR SOLUTION                               | <input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE |
| <input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u> | LOT # <u>AG231902</u> EXP. DATE <u>11/15/2024</u>                  |
| <input type="checkbox"/> 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 ← .098 | TEST 2 ← .097 | TEST 3 ← .097 |
|---------------|---------------|---------------|

- 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<br>   | PRINT NAME<br>Brandon Baker        |
| TYPE II PERMIT NUMBER/EXPIRATION DATE<br>220237, 09/26/2024 | TELEPHONE NUMBER<br>(573) 875-1111 |

**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: 111751  
Version no: 532B

TEST RECORD 00611

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

Air Blank: 01/10/23 08:09 .000  
Calibration Check: 20 01/10/23 08:09 .098

Subject Name

TEST 1  
Subject I.D.

Operator Name, I.D.

BAKER 220237  
Location

2111 E County DR

AS IV Serial no: 111751  
Version no: 532B

TEST RECORD 00612

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

Air Blank: 01/10/23 08:11 .000  
Calibration Check: 21 01/10/23 08:11 .097

Subject Name

TEST 2  
Subject I.D.

Operator Name, I.D.

BAKER 220237  
Location

2111 E County DR

AS IV Serial no: 111751  
Version no: 532B

TEST RECORD 00613

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

Air Blank: 01/10/23 08:13 .000  
Calibration Check: 22 01/10/23 08:13 .097

Subject Name

TEST 3  
Subject I.D.

Operator Name, I.D.

BAKER 220237  
Location

2111 E County DR

AS IV Serial no: 111751  
Version no: 532B

TEST RECORD 00614

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

VOID: RFI  
12 01/10/23 08:15

Subject Name

RFI  
Subject I.D.

Operator Name, I.D.

BAKER 220237  
Location

2111 E County DR



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:** 17-Nov-2022

**Lot #** AG231902 **Model** 108

| Exp Date    | Cyl. Type | Component           | Certified Concentration   |
|-------------|-----------|---------------------|---------------------------|
| 15-Nov-2024 | 108       | Ethanol<br>Nitrogen | 0.100 ± 2% BrAC (272 ppm) |

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

| RGM Serial No. | Concentration | RGM Serial No. | Concentration |
|----------------|---------------|----------------|---------------|
| EB0010581      | 391.8 ppm     | EB0010603      | 392.5 ppm     |
| EB0010570      | 259.8 ppm     | EB0010559      | 258.9 ppm     |
| EB0010285      | 209.0 ppm     | EB0010562      | 104.2 ppm     |
| EB0010561      | 103.7 ppm     | EB0010579      | 52.94 ppm     |
| EB0010681      | 52.22 ppm     |                |               |

| CRM Serial No. | Concentration | CRM Serial No. | Concentration |
|----------------|---------------|----------------|---------------|
| CC727481       | 800.0 ppm     | CC727493       | 390.0 ppm     |
| CC727496       | 253.0 ppm     | CC727498       | 150.0 ppm     |

**Analytical Method:** NDIR

Digitally signed by: Quality Control  
Reason: Dry gas standard certification of analysis  
Location: Airgas USA LLC (Lab)  
Date: 11.17.2022 20:17

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



**PERMIT**  
**TYPE II**  
**BRANDON BAKER**

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, INTOX DMT**

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 9/26/2022

NUMBER 220237

EXPIRES 9/26/2024

*Mike Massum*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Paula J. Nickelson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (RG-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 BAKER, BRANDON  
 Permit No 220237  
 Date Issued 9/26/2022 Date Expires 9/26/2024

