



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

**RECEIVED**  
By Tracy Crews at 9:31 am, Oct 03, 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>107989                                | NAME OF AGENCY<br>FLORISSANT POLICE DEPARTMENT | DATE OF INSPECTION<br>10/02/2023 |
| LOCATION OF INSTRUMENT (STREET AND CITY)<br>1700 US HWY 67 |  | TIME OF INSPECTION<br>11:08 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 # AG304601 EXP. DATE 02/15/2025

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 .101

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).

Instrument functioning withing DHSS guidelines

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME

Kyle Feldmann

TYPE II PERMIT NUMBER/EXPIRATION DATE

220242 10/05/2024

TELEPHONE NUMBER

(314) 831-7000

**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: 187989  
Version no: 532B

TEST RECORD 01375

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

Air Blank:  
10/02/23 11:08 .000  
Calibration Check:  
21 10/02/23 11:08 .101

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

FELDMANN 220242

Location

FPD

AS IV Serial no: 187989  
Version no: 532B

TEST RECORD 01376

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

Air Blank:  
10/02/23 11:10 .000  
Calibration Check:  
21 10/02/23 11:10 .101

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

FELDMANN 220242

Location

FPD

AS IV Serial no: 187989  
Version no: 532B

TEST RECORD 01377

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

Air Blank:  
10/02/23 11:12 .000  
Calibration Check:  
21 10/02/23 11:12 .101

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

FELDMANN 220242

Location

FPD

AS IV Serial no: 187989  
Version no: 532B

TEST RECORD 01378

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

VOID: RFI  
12 10/02/23 11:14

Subject Name

RFI

Subject I.D.

Operator Name, I.D.

FELDMANN 220242

Location

FPD

AS IV Serial no: 187989  
Version no: 532B

TEST RECORD 01379

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

Air Blank:  
10/02/23 11:15 .000  
Subject Temp RFI  
21 10/02/23 11:15 .000

Subject Name

Blank

Subject I.D.

Operator Name, I.D.

FELDMANN 220242

Location

FPD



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:** 15-Feb-2023

**Lot #** AG304601 **Model** 108

|                 |                  |                     |                                |
|-----------------|------------------|---------------------|--------------------------------|
| <b>Exp Date</b> | <b>Cyl. Type</b> | <b>Component</b>    | <b>Certified Concentration</b> |
| 15-Feb-2025     | 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:02.16.2023 13:50

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**  
**KYLE J. FELDMANN**

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 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 10/5/2022

NUMBER 220242

EXPIRES 10/5/2024

*Mike Mason*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Paula J. Nickelson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

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** FELDMANN, KYLE  
**Permit No** 220242  
**Date Issued** 10/5/2022 **Date Expires** 10/5/2024

