



**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>111733  | NAME OF AGENCY<br>St. Louis County Police | DATE OF INSPECTION<br>07/31/2024 |
| LOCATION OF INSTRUMENT (STREET AND CITY)<br>14301 South Outer Forty Road, St. Louis, Missouri, 63017 |   | TIME OF INSPECTION<br>5:09 pm    |

**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 # AG321505 EXP. DATE 08/03/2025

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  .098

TEST 2  .097

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).

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME  
PO Robert Tosie 4553

TYPE IF PERMIT NUMBER/EXPIRATION DATE  
240128 / 05292026

TELEPHONE NUMBER  
(636) 529-8210

**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: 111733  
Version no: 532B

TEST RECORD 00665

Temp Date Time 210L

Air Blank:  
07/31/24 17:09 .000  
Calibration Check:  
22 07/31/24 17:09 .098

Subject Name

Test #1

Subject I.D.

N/A

Operator Name, I.D.

P.O. TOSK 4553

Location

MODOT TMC

AS IV Serial no: 111733  
Version no: 532B

TEST RECORD 00667

Temp Date Time 210L

Air Blank:  
07/31/24 17:13 .000  
Calibration Check:  
23 07/31/24 17:13 .097

Subject Name

Test #2

Subject I.D.

N/A

Operator Name, I.D.

P.O. TOSK 4553

Location

MODOT TMC

AS IV Serial no: 111733  
Version no: 532B

TEST RECORD 00686

Temp Date Time 210L

VOID: RFI  
12 07/31/24 17:11

Subject Name

RFI

Subject I.D.

N/A

Operator Name, I.D.

P.O. TOSK 4553

Location

MODOT TMC

AS IV Serial no: 111733  
Version no: 532B

TEST RECORD 00688

Temp Date Time 210L

Air Blank:  
07/31/24 17:15 .000  
Calibration Check:  
23 07/31/24 17:15 .098

Subject Name

Test #3

Subject I.D.

N/A

Operator Name, I.D.

P.O. TOSK 4553

Location

MODOT TMC



**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:** 3-Aug-2023

**Lot # AG321505 Model 108**

|                               |                         |   |   |
|-------------------------------|-------------------------|---|---|
| <b>Exp Date</b><br>3-Aug-2025 | <b>Cyl. Type</b><br>108 | <b>Component</b><br>Ethanol<br>Nitrogen | <b>Certified Concentration</b><br>0.100 ± 2% BrAC (272 ppm) |
|-------------------------------|-------------------------|---|---|

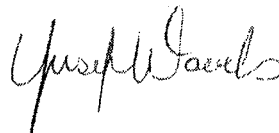
**Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:**

| 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:08.03.2023 17:58



**Approved for Release:** \_\_\_\_\_  
 Yusef Woods

**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**

**ROBERT TOSIE**

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 5/29/2024

NUMBER 240128

EXPIRES 5/29/2026

*Mike Magallon*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Paula J. Nicholson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES