



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 097426	PRINTER SN 03A.2436.098	DATE OF INSPECTION 06/08/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 4001 NE Lakewood Way Ct., Lee's Summit, MO, 64064		TIME OF INSPECTION 8:54 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) 23°
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

- SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Intoximeters LOT # AG114701 EXP. DATE 05/27/2023
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) \_\_\_\_\_ SIMULATOR SN \_\_\_\_\_ SIMULATOR 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  .100	TEST 2  .100	TEST 3  .100
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- 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	2	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	1	(OVER .19)	0
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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 meets all DOHSS standards and guidelines.

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME Dep. S. Plain #101/0448
TYPE II PERMIT NUMBER/EXPIRATION DATE 220007 01/06/2024	TELEPHONE NUMBER (816) 524-4302

**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
2875 James Boulevard  
Poplar Bluff, MO 63901

AS IV Serial no: 097426  
Version no: 532B

TEST RECORD 01171 s/  
Temp Date Time 210L

Air Blank: 06/08/22 20:58 .000  
Calibration Check: 23 06/08/22 20:58 .100

Subject Name

*Monthly Maint.*

Subject I.D.

Operator Name, I.D.

*Rep. S. Phan #107*

Location

*JCSO 6416*

AS IV Serial no: 097426  
Version no: 532B

TEST RECORD 01172 s/  
Temp Date Time 210L

Air Blank: 06/08/22 21:01 .000  
Calibration Check: 23 06/08/22 21:01 .100

Subject Name

*Monthly Maint.*

Subject I.D.

Operator Name, I.D.

*Rep. S. Phan #107*

Location

*JCSO 6416*

AS IV Serial no: 097426  
Version no: 532B

TEST RECORD 01173 s/  
Temp Date Time 210L

Air Blank: 06/08/22 21:03 .000  
Calibration Check: 23 06/08/22 21:03 .100

Subject Name

*Monthly Maint.*

Subject I.D.

Operator Name, I.D.

*Rep. S. Phan #107*

Location

*JCSO 6416*

AS IV Serial no: 097426  
Version no: 532B

TEST RECORD 01174 s/  
Temp Date Time 210L

VOID: RFI  
12 06/08/22 21:04

Subject Name

*Monthly Maint.*

Subject I.D.

Operator Name, I.D.

*Rep. S. Phan #107*

Location

*JCSO 6416*



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:** 1-Jun-2021

**Lot # AG114701 Model 108cacc**

<b><u>Exp. Date</u></b> 27-May-2023	<b><u>Cyl. Type</u></b> 108	<b><u>Component</u></b> Ethanol Nitrogen	<b><u>Certified Concentration</u></b> 0.100 ± 2% BrAC (272 ppm) Balance
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**Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:**

<b><u>RGM Serial No.</u></b> EB0010581 EB0010570 EB0010285 EB0010561 EB0010681	<b><u>Concentration</u></b> 392.1 ppm 259.8 ppm 208.0 ppm 103.6 ppm 52.12 ppm	<b><u>RGM Serial No.</u></b> EB0010603 EB0010559 EB0010595 EB0010562 EB0010579	<b><u>Concentration</u></b> 393.0 ppm 258.2 ppm 208.3 ppm 104.2 ppm 52.81 ppm
<b><u>CRM Serial No.</u></b> CC434668 CC234503	<b><u>Concentration</u></b> 800.0 ppm 253.0 ppm	<b><u>CRM Serial No.</u></b> 0056649 0056662	<b><u>Concentration</u></b> 390.1 ppm 150.2 ppm

**Analytical Method:** NDIR

Digitally signed by Quality Control  
Date: 2021.06.03 17:37:33 -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

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**PERMIT**  
**TYPE II**  
**SEAN PLAIN**

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 1/6/2022

*Laura Q. Way*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 220007

*Donald S. Kamm*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 1/6/2024

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 PLAIN, SEAN  
Permit No 220007  
Date Issued 1/6/2022 Date Expires 1/6/2024

