



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 094804	PRINTER SN 09B.3589.546	DATE OF INSPECTION 08/05/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive, Kansas City, MO 64137		TIME OF INSPECTION 2:18 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 # AG324501 EXP. DATE 09/02/2025

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 → 0.082

TEST 2 → 0.082

TEST 3 → 0.081

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	1	(0-.04)	0	(.05-.09)	0	(.10-.14)	4	(.15-.19)	4	(OVER .19)	4
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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).

**INSPECTING OFFICER**

SIGNATURE *PO Jared T. Littleton #5626*

PRINT NAME  
Jared T. Littleton

TYPE II PERMIT NUMBER/EXPIRATION DATE  
230323, 12/21/2025

TELEPHONE NUMBER  
(816) 218-9393

**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: 094804  
Version no: 532B

TEST RECORD 01369

Temp	Date	Time	s/ 210L
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Air Blank:	08/05/24	02:18	.000
Calibration Check:	22 08/05/24	02:18	.082

Subject Name

Test #1

Subject I.D.

Operator Name, I.D.

Littleton 5626

Location

230323

12/21/2025

AS IV Serial no: 094804  
Version no: 532B

TEST RECORD 01370

Temp	Date	Time	s/ 210L
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Air Blank:	08/05/24	02:21	.000
Calibration Check:	23 08/05/24	02:21	.082

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

Littleton 5626

Location

230323

12/21/2025

AS IV Serial no: 094804  
Version no: 532B

TEST RECORD 01371

Temp	Date	Time	s/ 210L
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Air Blank:	08/05/24	02:24	.000
Calibration Check:	24 08/05/24	02:24	.081

Subject Name

Test #3

Subject I.D.

Operator Name, I.D.

Littleton 5626

Location

230323

12/21/2025

AS IV Serial no: 094804  
Version no: 532B

TEST RECORD 01372

Temp	Date	Time	s/ 210L
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VOID: RFI	12 08/05/24	02:26	
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Subject Name

RFI test

Subject I.D.

Operator Name, I.D.

Littleton 5626

Location

230323

12/21/2025



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



Airgas USA LLC (LAs)  
3900 Bernard Street  
St. Louis, Mo. 63103  
Ph: (314) 533-3100  
Fax: (314) 533-7328

Certificate of Analysis

Test Date: 5-Sep-2023

JARED LITTLETON

PERMIT  
TYPE II

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, INTOXILYZER 8000**

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 12/11/2023

*M. De... [Signature]*  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 230823

EXPIRES 12/11/2025

MO 380971 (6/18)

*David J. [Signature]*  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES  
LAs# 28-110

STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM  
INSTRUMENT OPERATOR CARD  
Operator: LITTLETON, JARED  
Date Issued: 12/11/2023 Date Expires: 12/11/2025

Customer Name  
Exclusive Supplier  
Intoximeters, Inc.  
2081 Craig Road  
St. Louis, MO 63146

Lot # AG324501 Model 108

Exp Date  
2-SEP-2025

Cyl. Type  
108

Component  
Ethanol  
Nitrogen

Certified Concentration  
0.062 ± 0.002 BAC (223 ppm)

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

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010561	3942 ppm	EB0810563	382.5 ppm
EB0010570	2558 ppm	EB0810569	280.9 ppm
EB0010285	2080 ppm	EB0810562	104.2 ppm
EB0010561	1037 ppm	EB0810579	573.4 ppm
EB0010561	522 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	8080 ppm	CC727493	380.0 ppm
CC727498	2510 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Global Atmospherics Inc. (GAI)  
11555 Old Lee Industrial Drive  
Shelton, CT 06484  
Phone: 203-263-7531

Approved for Release:

*Yusef Woods [Signature]*  
Yusef Woods

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