

**RECEIVED**

By Tracy Crews at 3:31 pm, Sep 03, 2024



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 111637	PRINTER SN 09B.3589.449	DATE OF INSPECTION 08/23/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive, Kanas City, MO 64137		TIME OF INSPECTION 4:19 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 # AG311004 EXP. DATE 04/20/2025

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 ← 0.103

TEST 2 ← .0102

TEST 3 ← 0.101

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

**INSPECTING OFFICER**

SIGNATURE  
 #5626

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

PRINT NAME  
Jared T. Littleton

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: 111637  
Version no: 532B

TEST RECORD 00260

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

Air Blank:  
08/23/24 16:19 .000  
Calibration Check:  
22 08/23/24 16:19 .103

Subject Name

Test #1

Subject I.D.

Operator Name, I.D.

Littleton S626

Location

230323

12/21/2025

AS IV Serial no: 111637  
Version no: 532B

TEST RECORD 00261

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

Air Blank:  
08/23/24 16:20 .000  
Calibration Check:  
23 08/23/24 16:20 .102

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

Littleton S626

Location

230323

12/21/2025

AS IV Serial no: 111637  
Version no: 532B

TEST RECORD 00262

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

Air Blank:  
08/23/24 16:21 .000  
Calibration Check:  
23 08/23/24 16:21 .101

Subject Name

Test #3

Subject I.D.

Operator Name, I.D.

Littleton S626

Location

230323

12/21/2025

AS IV Serial no: 111637  
Version no: 532B

TEST RECORD 00263

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

VOID: RFI  
12 08/23/24 16:23

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

Littleton S626

Location

230323

12/21/2025



Airgas US LLC (LAB)  
3500 Bernard Street  
St. Louis, Mo. 63103  
Ph: (314) 533-3100  
Fax: (314) 533-7928

**Certificate of Analysis**

Test Date: 24-Apr-2023

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

Lot # AG311004 Model 108

Exp Date 20-Apr-2025  
Cyl: Type 108  
Component Ethanol Nitrogen  
Certified Concentration 0.100 ± 2% BAC (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	EB0010589	258.9 ppm
EB0010285	209.0 ppm	EB0010562	104.2 ppm
EB0010561	103.7 ppm	EB0010579	52.94 ppm
EB0010881	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

Quality System Provider: Control  
Supplier: gas service (certification of analysis)  
Reference: 1501.1 (unit)  
Revision: 02.13.15.02

Approved for Release: Paul Marisa  
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



**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 12/21/2023  
NUMBER 230323  
EXPIRES 12/21/2025  
MOC 596-977 (6-18)

M. De M...  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David S. ...  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM  
INSTRUMENT OPERATOR CARD

The licensed technician is authorized to operate an exclusive sample device in Missouri. The responsibility of the technician is to ensure the integrity of the sample.

Operator: LITTLETON, JARED  
Permit No: 230323  
Date Issued: 12/21/2023  
Date Expires: 12/21/2025