



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

**RECEIVED**  
 By Tracy Crews at 3:37 pm, Jul 24, 2024

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 07/06/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive, Kanas City, MO 64137		TIME OF INSPECTION 9:13 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 # 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 → 0.079	TEST 2 → 0.079	TEST 3 → 0.079
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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	(0-.04) 1	(.05-.09) 1	(.10-.14) 1	(.15-.19) 2	(OVER .19) 6
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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 	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 01342

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

Air Blank:  
07/06/24 21:13 .000  
Calibration Check:  
24 07/06/24 21:13 .079

Subject Name

Test # 1

Subject I.D.

Operator Name, I.D.

Littleton 5626

Location

230323

12/21/25

AS IV Serial no: 094804  
Version no: 532B

TEST RECORD 01343

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

Air Blank:  
07/06/24 21:15 .000  
Calibration Check:  
25 07/06/24 21:15 .079

Subject Name

Test # 2

Subject I.D.

Operator Name, I.D.

Littleton 5626

Location

230323

12/21/25

AS IV Serial no: 094804  
Version no: 532B

TEST RECORD 01344

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

Air Blank:  
07/06/24 21:17 .000  
Calibration Check:  
26 07/06/24 21:17 .079

Subject Name

Test # 3

Subject I.D.

Operator Name, I.D.

Littleton 5626

Location

230323

12/21/25

AS IV Serial no: 094804  
Version no: 532B

TEST RECORD 01345

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

VOID: RFI  
12 07/06/24 21:19

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

Littleton 5626

Location

230323

12/21/25



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



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

**PERMIT**  
TYPE II

JARED LITTLETON

is hereby authorized to install and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**ALCO-SENSOR IV WITH PRINTER, INTOXII YZER 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

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 23M23

EXPIRES 12/11/2025

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 559-971 (4/16)

LAB-10410

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

**INSTRUMENT OPERATOR CARD**

The owner/operator is authorized to operate an employer's breath alcohol analyzer for the determination of the alcoholic content in a person's breath.

Operator: LITTLETON, JARED  
Permit No: 23M23  
Date Issued: 12/11/2023 Date Expires: 12/11/2025

Certificate of Analysis

Test Date: 5-Sep-2023

Customer Name  
Exclusive Supplier  
Intoximeters, Inc.  
2081 Craig Road  
St. Louis, Mo 63148

Lot # AG324501 Model 108

Exp Date: 2-Sep-2025  
Cyl Type: 108  
Component: Ethanol Nitrogen  
Certified Concentration: 0.082 ± 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
EB0010581	394.8 ppm	EB0010602	382.5 ppm
EB0010570	259.8 ppm	EB0010639	230.9 ppm
EB0010283	209.0 ppm	EB0010562	104.2 ppm
EB0010581	103.7 ppm	EB0010579	52.94 ppm
EB0010691	52.2 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CCT27481	808.0 ppm	CCT27493	390.0 ppm
CCT27496	253.0 ppm	CCT27498	150.0 ppm

Analytical Method: NDIR

Intoximeter Operator Card  
CERTECH SYSTEMS, LLC (LAB)  
CERTECH SYSTEMS, LLC (LAB)  
CERTECH SYSTEMS, LLC (LAB)

Approved for Release: Yusef Woods  
Yusef Woods

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