



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 04/30/2024
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LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive, Kansas City, MO 64137	TIME OF INSPECTION 3:01 am
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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 → 0.084

TEST 2 → 0.082

TEST 3 → 0.082

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)	1	(.10-.14)	1	(.15-.19)	3	(OVER .19)	3
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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 ▶ <i>Jared Littleton</i> #5626	PRINT NAME Jared Littleton
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TYPE II PERMIT NUMBER/EXPIRATION DATE 230323, 12/21/2025	TELEPHONE NUMBER (816) 218-9393
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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 01309

Temp Date Time ^{g/} 210L

Air Blank:
04/30/24 03:11 .000
Calibration Check:
20 04/30/24 03:11 .084

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 01309

Temp Date Time ^{g/} 210L

Air Blank:
04/30/24 03:13 .000
Calibration Check:
21 04/30/24 03:13 .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 01310

Temp Date Time ^{g/} 210L

Air Blank:
04/30/24 03:15 .000
Calibration Check:
22 04/30/24 03:15 .082

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 01311

Temp Date Time ^{g/} 210L

VOID: RFI
12 04/30/24 03:18

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

Airgas US, LLC (LAB)
3500 Bernard Street
St. Louis, Mo. 63103
Ph: (314) 533-3100
Fax: (314) 533-7328

Certificate of Analysis

Test Date: 5-Sep-2023

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

Lot # AG324501 Model 108

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 305.111 through 305.119 RSMo.

DATE 12/12/2023
NUMBER 230823
EXPIRES 12/12/2024

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
Paul J. Ridenour
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
LAB-164-10



Exp Date 2-Sep-2025 Cyl Type 108 Component Ethanol Nitrogen Certified Concentration 0.082 ± 0.002 BfAC (223 ppm)

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

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB00010581	391.8 ppm	EB00410603	392.5 ppm
EB00010570	259.8 ppm	EB00410559	258.9 ppm
EB00010285	209.0 ppm	EB00410562	104.2 ppm
EB00010581	103.7 ppm	EB00410579	52.94 ppm
EB00010581	52.22 ppm		

Analytical Method: NDIR

Quality System Upgrade Serial
Number: 2222-10-01
Customer: 2222-10-01
Date: 12/12/2023

Approved for Release: *Yusef Woods*
Yusef Woods

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