



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 06/07/2024
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LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive, Kanas City, MO 64137	TIME OF INSPECTION 7:00 pm
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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

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
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<input checked="" type="checkbox"/> STANDARD SUPPLIER INTOXIMETERS	LOT # AG324501	EXP. DATE 09/02/2025
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<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C)	SIMULATOR SN	SIMULATOR EXP DATE
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- 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 → 0.078	TEST 2 → 0.078	TEST 3 → 0.078
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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	(0-.04)	1	(.05-.09)	0	(.10-.14)	0	(.15-.19)	1	(OVER .19)	5
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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 #51626	PRINT NAME Jared T. 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 01322

Temp	Date	Time	g/
			2100

Air Blank:
06/07/24 19:00 .000
Calibration Check:
27 06/07/24 19:00 .078

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 01323

Temp	Date	Time	g/
			2100

Air Blank:
06/07/24 19:01 .000
Calibration Check:
27 06/07/24 19:01 .078

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 01324

Temp	Date	Time	g/
			2100

Air Blank:
06/07/24 19:04 .000
Calibration Check:
28 06/07/24 19:04 .078

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 01325

Temp	Date	Time	g/
			2100

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

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



PERMIT
TYPE II

JARED LITTLETON

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform fluid 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

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 23M73

EXPIRES 12/11/2025

MO 558771 (8-16)

David J. Richardson
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
LHA-194-06

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

The owner certifies to maintain in proper working order the instrument for the full duration of the validity period of the instrument. If the instrument is not in proper working order, the instrument shall be replaced with a new instrument of the same make and model.

Operator: JARED LITTLETON
Permit No: 23M73
Date Issued: 12/11/2023 Date Expires: 12/11/2025



Certificate of Analysis

Test Date: 5-Sep-2023

Customer Name
Exclusive Supplier
Inoximeters, Inc.
2061 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
EB0010591	391.6 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	250.9 ppm
EB0010285	208.0 ppm	EB0010562	164.2 ppm
EB0010561	101.7 ppm	EB0010579	52.94 ppm
EB0010581	52.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	800.0 ppm	CC727483	180.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

General Spore Viable Count
Method: Membrane Filtration
Standard: ISO 11731
Date: 08/23/2023 10:51

Approved for Release:

Yusef Woods

Yusef Woods

ISO 17025:2017 A2LA accredited. Certificate Number 30882.06
ISO 17034:2016 A2LA accredited. Certificate Number 3082.07