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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 094804	PRINTER SN 09B.3589.546	DATE OF INSPECTION 08/23/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive, Kanas City, MO 64137		TIME OF INSPECTION 4:03 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 <input type="checkbox"/> 0.099	TEST 2 <input type="checkbox"/> .0100	TEST 3 <input type="checkbox"/> 0.099
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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)	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 	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 01373

Temp	Date	Time	s/	210L
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Air Blank:
08/23/24 16:03 .000
Calibration Check:
22 08/23/24 16:03 .099

Subject Name
Test # 1

Subject I.D.

Operator Name, I.D.

Littelen 5626

Location

230323

12/21/2025

AS IV Serial no: 094804
Version no: 532B

TEST RECORD 01374

Temp	Date	Time	s/	210L
------	------	------	----	------

Air Blank:
08/23/24 16:05 .000
Calibration Check:
22 08/23/24 16:05 .100

Subject Name
Test # 2

Subject I.D.

Operator Name, I.D.

Littelen 5626

Location

230323

12/21/2025

AS IV Serial no: 094804
Version no: 532B

TEST RECORD 01375

Temp	Date	Time	s/	210L
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Air Blank:
08/23/24 16:07 .000
Calibration Check:
23 08/23/24 16:07 .099

Subject Name
Test # 3

Subject I.D.

Operator Name, I.D.

Littelen 5626

Location

230323

12/21/2025

AS IV Serial no: 094804
Version no: 532B

TEST RECORD 01376

Temp	Date	Time	s/	210L
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VOID: RFI
12 08/23/24 16:09

Subject Name
RFI Test

Subject I.D.

Operator Name, I.D.

Littelen 5626

Location

230323

12/21/2025



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

Certificate of Analysis

Test Date: 24-Apr-2023

Customer Name
 Exclusive Supplier
 Inoxidreiers, 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	EB0010599	258.9 ppm
EB0010285	209.0 ppm	EB0010562	104.2 ppm
EB0010561	103.7 ppm	EB0010579	52.94 ppm
EB0010681	52.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	800.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	450.0 ppm

Analytical Method: NDIR

Portable gases by Quality Control
 Report only gas standard verification of analysis
 Directed by 2023.12.01 14:01

Approved for Release: Rod Marsala
 Rod Marsala

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



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 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 230321 EXPIRES 12/21/2025
 MO 968-0771 (6/18)

M. de Merson
 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
Doreen J. Richardson
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
 L&H-108-10

STATE OF MISSOURI
 BREATH ALCOHOL PROGRAM
 SENIOR SERVICES
INSTRUMENT OPERATOR CARD

The owner certifies the identification of the individual named on this permit and that the individual named on this permit is qualified to operate the instrument in Missouri.
 Operator: LITTLETON, JARED
 Date Issued: 12/21/2023 Date Expires: 12/21/2025