



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 03/07/2025
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive		TIME OF INSPECTION 8:47 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.

<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY
<input checked="" type="checkbox"/> TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

<input type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u> LOT # <u>AG417401</u> EXP. DATE <u>06/22/2026</u>	
<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) _____ SIMULATOR SN _____ SIMULATOR EXP DATE _____	
<input checked="" type="checkbox"/> 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)	
<input checked="" type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE	
<input type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE	
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE	

TEST 1 \blacktriangleleft 0.099	TEST 2 \blacktriangleleft 0.099	TEST 3 \blacktriangleleft 0.098
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<input checked="" type="checkbox"/> RFI DETECTOR OPERATING
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INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	2	(0-.04)	(.05-.09)	3	(.10-.14)	2	(.15-.19)	1	(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>PO Jared T. Littleton #5626</i>	PRINT NAME PO Jared T. Littleton #5626
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 01533

Temp	Date	Time	a/ 210L
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Air Blank:
03/07/25 20:47 .000
Calibration Check:
25 03/07/25 20:47 .099

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 01534

Temp	Date	Time	a/ 210L
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Air Blank:
03/07/25 20:49 .000
Calibration Check:
25 03/07/25 20:49 .099

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 01535

Temp	Date	Time	a/ 210L
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Air Blank:
03/07/25 20:52 .000
Calibration Check:
25 03/07/25 20:52 .098

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 01536

Temp	Date	Time	a/ 210L
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VOID: RFI
12 03/07/25 20:55

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

2

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 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 12/21/2023

NUMBER 230323

EXPIRES 12/21/2025

MD 584-071 (6-19)

M. L. Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David T. Nicholas

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (RS-19)

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

This computer is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.

Operator: LITTLETON, JARED
Date Issued: 12/21/2023 Date Expires: 12/21/2025



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

Certificate of Analysis

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

Test Date: 25-Jun-2024

Lot # AG417401 Model 108

Exp Date 22-Jun-2026
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
EB0010561	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	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	799.4 ppm	CC727493	389.8 ppm
CC727496	253.4 ppm	CC727498	150.2 ppm

Analytical Method: NDIR

Quality Approved by Quality Control
Qualified by Airtgas USA LLC (Lab)
01/04/2023 08:41:13:09

Yusef Woods

Approved for Release: Yusef Woods

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