



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 043580	NAME OF AGENCY Saint Charles County Police Department	DATE OF INSPECTION 12/05/2022
-----------------------------	--	----------------------------------

LOCATION OF INSTRUMENT (STREET AND CITY) 101 Sheriff Dierker Court, O'Fallon, Missouri 63366	TIME OF INSPECTION 11:10 am
---	--------------------------------

**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
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u>	LOT # <u>AG109701</u> EXP. DATE <u>04/07/2023</u>
<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C)	SIM. SN _____ SIM. NIST 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 ← .078	TEST 2 ← .077	TEST 3 ← .077
---------------	---------------	---------------

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
----------	---	---------	---	-----------	---	-----------	---	-----------	---	------------	---

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).

<b>INSPECTING OFFICER</b>	
SIGNATURE 663	PRINT NAME Mike Johnson
TYPE II PERMIT NUMBER/EXPIRATION DATE 220150 / 05-25-2024	TELEPHONE NUMBER (636) 949-3000

**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

AS IV Serial no: 043580  
Version no: 532C

TEST RECORD 00531

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

Air Blank:  
12/15/22 11:10 .000  
Calibration Check:  
21 12/15/22 11:10 .078

Subject Name

*Test #1*

Subject I.D.

Operator Name, I.D.

*Cpl. Johnson 220150*

Location

*SCCPD*

AS IV Serial no: 043580  
Version no: 532C

TEST RECORD 00532

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

Air Blank:  
12/15/22 11:12 .000  
Calibration Check:  
22 12/15/22 11:12 .077

Subject Name

*Test #2*

Subject I.D.

Operator Name, I.D.

*Cpl. Johnson 220150*

Location

*SCCPD*

AS IV Serial no: 043580  
Version no: 532C

TEST RECORD 00533

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

Air Blank:  
12/15/22 11:13 .000  
Calibration Check:  
22 12/15/22 11:13 .077

Subject Name

*Test #3*

Subject I.D.

Operator Name, I.D.

*Cpl. Johnson 220150*

Location

*SCCPD*

AS IV Serial no: 043580  
Version no: 532C

TEST RECORD 00534

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

VOID: RFI  
12 12/15/22 11:16

Subject Name

*QST Test*

Subject I.D.

Operator Name, I.D.

*Cpl. Johnson 220150*

Location

*SCCPD*

AS IV Serial no: 043580  
Version no: 532C

TEST RECORD 00535

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

Air Blank:  
12/15/22 11:17 .000  
Subject Test: Auto  
23 12/15/22 11:17 .000

Subject Name

*Self-Test*

Subject I.D.

Operator Name, I.D.

*Cpl. Johnson 220150*

Location

*SCCPD*



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

2

**PERMIT**  
**TYPE II**  
**MIKE JOHNSON**

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**

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 5/25/2022

NUMBER 220150

EXPIRES 5/25/2024

*Mike Mason*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Dave J. Nicholson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (PR-10)

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

**INSTRUMENT OPERATOR CARD**

*The named cardholder 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 **JOHNSON, MIKE**  
 Permit No **220150**  
 Date Issued **5/25/2022** Date Expires **5/25/2024**





Airgas 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: 7-Apr-2021

Lot # AG109701 Model 108cacc

<u>Exp. Date</u> 7-Apr-2023	<u>Cyl. Type</u> 108	<u>Component</u> Ethanol Nitrogen	<u>Certified Concentration</u> 0.082 ± 0.002 BrAC (223 ppm) Balance
--------------------------------	-------------------------	---	---

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

<u>RGM Serial No.</u>	<u>Concentration</u>	<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

  

<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
CC727481	300.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by Quality Control  
 Date: 2021.04.07 17:42:01 -05:00  
 Reason: Dry gas standard certification of analysis  
 Location: Airgas USA LLC (Lab)

Approved for Release:

Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 3082.06  
 ISO 17034:2016 A2LA accredited. Certificate Number 3082.07