



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 031393	NAME OF AGENCY Saint Charles County Police Department	DATE OF INSPECTION 04/07/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 101 Sheriff Dierker Court, O'Fallon, Missouri 63366		TIME OF INSPECTION 4:01 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>AG027203</u> EXP. DATE <u>05/28/2022</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 ← .078	TEST 3 ← .077
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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).

<b>INSPECTING OFFICER</b>	
SIGNATURE ▶ <u>PO [Signature] 663</u>	PRINT NAME MIKE JOHNSON
TYPE II PERMIT NUMBER/EXPIRATION DATE 200198 / July 8, 2022	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: 031393  
Version no: 532C

TEST RECORD 00344

Temp Date Time 210L

Air Blank:  
04/17/21 04:01 .000  
Calibration Check:  
27 04/17/21 04:01 .078

Subject Name

Test #1

Subject I.D.

Operator Name, I.D.

P.A. Johnson 200198

Location

SCCPD

AS IV Serial no: 031393  
Version no: 532C

TEST RECORD 00345

Temp Date Time 210L

Air Blank:  
04/17/21 04:02 .000  
Calibration Check:  
27 04/17/21 04:02 .078

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

P.A. Johnson 200198

Location

SCCPD

AS IV Serial no: 031393  
Version no: 532C

TEST RECORD 00346

Temp Date Time 210L

Air Blank:  
04/17/21 04:03 .000  
Calibration Check:  
28 04/17/21 04:03 .077

Subject Name

Test #3

Subject I.D.

Operator Name, I.D.

P.A. Johnson 200198

Location

SCCPD

AS IV Serial no: 031393  
Version no: 532C  
TEST RECORD 00347  
Temp Date Time 210L  
VOID: VFI  
12 04/17/21 04:04  
Subject Name  
RFT  
Subject I.D.  
Operator Name, I.D.  
P.A. Johnson 200198  
Location  
SCCPD

AS IV Serial no: 031393  
Version no: 532C  
TEST RECORD 00348  
Temp Date Time 210L  
Air Blank:  
04/17/21 04:05 .000  
Subject Test: Auto  
28 04/17/21 04:05 .000  
Subject Name  
Self-Test  
Subject I.D.  
Operator Name, I.D.  
P.A. Johnson 200198  
Location  
SCCPD



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:** 29-Sep-2020

**Lot # AG027203 Model 34cadd**

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
28-May-2022	34	Ethanol	0.082 ± 0.002 BrAC (223 ppm)
		Nitrogen	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>
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

**Analytical Method:** NDIR

Digitally signed by Quality Control  
 Date: 2020.09.30 20:00:06 -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**



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



**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 7/8/2020

NUMBER 200198

EXPIRES 7/8/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO,590:0773 (6-10)

LAB-4 (P6:10)



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 200198  
Date Issued 7/8/2020 Date Expires 7/8/2022

