



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 042311	NAME OF AGENCY Saint Charles County Police Department	DATE OF INSPECTION 12/17/2022
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LOCATION OF INSTRUMENT (STREET AND CITY) 101 Sheriff Dierker Court, O'Fallon, Missouri 63366	TIME OF INSPECTION 7:40 am
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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
<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 ➔ .077	TEST 2 ➔ .081	TEST 3 ➔ .081
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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)	1	(.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  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: 042311
Version no: 532C

TEST RECORD 00446

Temp Date Time ^{g/} 210L

Air Blank:
12/17/22 07:40 .000
Calibration Check:
21 12/17/22 07:40 .077

Subject Name

Test #1

Subject I.D.

Operator Name, I.D.

Cpl. Johnson 220110

Location

SCCPD

AS IV Serial no: 042311
Version no: 532C

TEST RECORD 00447

Temp Date Time ^{g/} 210L

Air Blank:
12/17/22 07:41 .000
Calibration Check:
22 12/17/22 07:41 .001

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

Cpl. Johnson 220150

Location

SCCPD

AS IV Serial no: 042311
Version no: 532C

TEST RECORD 00448

Temp Date Time ^{g/} 210L

Air Blank:
12/17/22 07:43 .000
Calibration Check:
23 12/17/22 07:43 .001

Subject Name

Test #3

Subject I.D.

Operator Name, I.D.

Cpl. Johnson 220210

Location

SCCPD

AS IV Serial no: 042311
Version no: 532C

TEST RECORD 00449

Temp Date Time ^{g/} 210L

VOID: RFI
12 12/17/22 07:44

Subject Name

RST test

Subject I.D.

Operator Name, I.D.

Cpl. Johnson 220110

Location

SCCPD

AS IV Serial no: 042311
Version no: 532C

TEST RECORD 00450

Temp Date Time ^{g/} 210L

Air Blank:
12/17/22 07:45 .000
Subject Test: Auto
24 12/17/22 07:45 .000

Subject Name

Self test

Subject I.D.

Operator Name, I.D.

Cpl. Johnson 220110

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: 7-Apr-2021

Lot # AG109701 Model 108cacc

Exp. Date
7-Apr-2023

Cyl. Type
108

Component
Ethanol
Nitrogen

Certified Concentration
0.082 ± 0.002 BrAC (223 ppm)
Balance

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

<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm
EB0010570	259.8 ppm
EB0010285	208.0 ppm
EB0010561	103.6 ppm
EB0010681	52.12 ppm

<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010603	393.0 ppm
EB0010559	258.2 ppm
EB0010595	208.3 ppm
EB0010562	104.2 ppm
EB0010579	52.81 ppm

<u>GRM Serial No.</u>	<u>Concentration</u>
CG727481	800.0 ppm
CG727496	253.0 ppm

<u>GRM Serial No.</u>	<u>Concentration</u>
CG727493	390.0 ppm
CG727498	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
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

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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

David J. Nelson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)

 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

