



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**  
By Tracy Crews at 8:27 am, Feb 02, 2024

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 107983	NAME OF AGENCY Clay County Sheriff's Office	DATE OF INSPECTION 02/01/2024
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LOCATION OF INSTRUMENT (STREET AND CITY) 12 S. Water St., Liberty, MO 64068	TIME OF INSPECTION 2203
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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 type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u> LOT # <u>AG221502</u> EXP. DATE <u>08/03/2024</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  .101	TEST 2  .103	TEST 3  .100
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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)	1	(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 Tom Butkovich
TYPE II PERMIT NUMBER/EXPIRATION DATE 230113 - 06/05/2025	TELEPHONE NUMBER 8164073702

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

001 10 124 101 100000  
Dep. Test. No. 10000

TEST NUMBER 01424

Time: 01:00 - Date: 2/10/00

001 10 124 101 100000  
02/10/2000 22:10:00  
01 Lib. of Eng. Des. &  
02 02/10/2000 22:10:00

Subject Name

Test #1

Subject ID

Burkovich 2260

Dep. of Eng. Des. & C

CCSO

Location

001 10 124 101 100000  
Dep. Test. No. 10000

TEST NUMBER 01424

Time: 01:00 - Date: 2/10/00

001 10 124 101 100000  
02/10/2000 22:10:00  
01 Lib. of Eng. Des. &  
02 02/10/2000 22:10:00

Subject Name

Test #3

Subject ID

Burkovich 2260

Dep. of Eng. Des. & C

CCSO

Location

001 10 124 101 100000  
Dep. Test. No. 10000

TEST NUMBER 01424

Time: 01:00 - Date: 2/10/00

001 10 124 101 100000  
02/10/2000 22:10:00  
01 Lib. of Eng. Des. &  
02 02/10/2000 22:10:00

Subject Name

Test #2

Subject ID

Burkovich 2260

Dep. of Eng. Des. & C

CCSO

Location

001 10 124 101 100000  
Dep. Test. No. 10000

TEST NUMBER 01424

Time: 01:00 - Date: 2/10/00

001 10 124 101 100000  
02/10/2000 22:10:00

Subject Name

RFI Test

Subject ID

Burkovich 2260

Dep. of Eng. Des. & C

CCSO

Location



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: 27-Jan-2021

**Lot # AG102503 Model 108cadd**

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
25-Jan-2023	108	Ethanol Nitrogen	0.100 ± 2% BrAC (272 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	800.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

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

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**PERMIT**  
**TYPE II**  
**THOMAS F. BUTKOVICH**

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, INTOX EC/IR II**

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 6/5/2023

NUMBER 230113

EXPIRES 6/5/2025

*Mike Massum*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Paula J. Nielson*

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 BUTKOVICH, THOMAS  
 Permit No 230113  
 Date Issued 6/5/2023 Date Expires 6/5/2025

