



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

**RECEIVED**  
 By Tracy Crews at 2:50 pm, Nov 08, 2023

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 107999	NAME OF AGENCY Clay County Sheriff's Office	DATE OF INSPECTION 11/02/2023
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LOCATION OF INSTRUMENT (STREET AND CITY) 12 S. Water St., Liberty, MO 64068	TIME OF INSPECTION 12:45 pm
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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**

- SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Intoximeters LOT # AG221502 EXP. DATE 08/03/2024
- 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 • .104	TEST 3 • .103
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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).

**INSPECTING OFFICER**

SIGNATURE <i>Tom Butkovich 8237</i>	PRINT NAME Tom Butkovich
TYPE II PERMIT NUMBER/EXPIRATION DATE 230113 - 06/05/2025	TELEPHONE NUMBER (816) 407-3702

**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: 187999  
Version no: 532B

TEST RECORD 00410

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

Air Blank:  
11/02/23 12:54 .000  
Calibration Check:  
18 11/02/23 12:54 .101

Subject Name  
**Test #1**

Subject I.D.  
**Butkovich**

Operator Name, I.D.  
**CCSO**

Location

AS IV Serial no: 187999  
Version no: 532B

TEST RECORD 00411

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

Air Blank:  
11/02/23 12:56 .000  
Calibration Check:  
20 11/02/23 12:56 .104

Subject Name  
**Test #2**

Subject I.D.  
**Butkovich**

Operator Name, I.D.  
**CCSO**

Location

AS IV Serial no: 187999  
Version no: 532B

TEST RECORD 00412

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

Air Blank:  
11/02/23 12:59 .000  
Calibration Check:  
21 11/02/23 12:59 .103

Subject Name  
**Test #3**

Subject I.D.  
**Butkovich**

Operator Name, I.D.  
**CCSO**

Location

AS IV Serial no: 187999  
Version no: 532B

TEST RECORD 00413

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

VOID: RTI  
12 11/02/23 13:00

Subject Name  
**RFI Test**

Subject I.D.  
**Butkovich**

Operator Name, I.D.  
**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 108caccd**

**Exp. Date**

25-Jan-2023

**Cyl. Type**

108

**Component**

Ethanol

Nitrogen

**Certified Concentration**

0.100 ± 2% BrAC (272 ppm)

Balance

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

**RGM Serial No.**

EB0010581

EB0010570

EB0010285

EB0010561

EB0010681

**Concentration**

392.1 ppm

259.8 ppm

208.0 ppm

103.6 ppm

52.12 ppm

**RGM Serial No.**

EB0010603

EB0010559

EB0010595

EB0010562

EB0010579

**Concentration**

393.0 ppm

258.2 ppm

208.3 ppm

104.2 ppm

52.81 ppm

**CRM Serial No.**

CC727481

CC727496

**Concentration**

800.0 ppm

253.0 ppm

**CRM Serial No.**

CC727493

CC727498

**Concentration**

390.0 ppm

150.0 ppm

**Analytical Method:**

NDIR

Digitally signed by Quality Control  
Date: 2021.01.29 13:36:13 -06:00  
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**  
**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

*Mike Masman*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 230113

*Dave J. Nielson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 6/5/2025

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

