



**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 102473	NAME OF AGENCY Greene County Sheriff's Office	DATE OF INSPECTION 10/27/2022
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LOCATION OF INSTRUMENT (STREET AND CITY) 5100 West Division Street Springfield, Missouri 65802	TIME OF INSPECTION 8:59 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 # AG111803 EXP. DATE 04/28/2023

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 ← .100

TEST 2 ← .099

TEST 3 ← .098

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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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  
Kyle Winchell

TYPE II PERMIT NUMBER/EXPIRATION DATE  
220200 08/19/2024

TELEPHONE NUMBER  
(417) 868-4040

**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: 102473  
Version no: 532B

TEST RECORD 01862

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

Air Blank:  
10/27/22 20:59 .000  
Calibration Check:  
22 10/27/22 20:59 .100

Subject Name  
Test 1  
Subject I.D.

Operator Name, I.D.  
[Signature]  
Location

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 01863

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

Air Blank:  
10/27/22 21:01 .000  
Calibration Check:  
23 10/27/22 21:01 .099

Subject Name  
Test 2  
Subject I.D.

Operator Name, I.D.  
[Signature]  
Location

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 01864

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

Air Blank:  
10/27/22 21:03 .000  
Calibration Check:  
24 10/27/22 21:03 .098

Subject Name  
Test 3  
Subject I.D.

Operator Name, I.D.  
[Signature]  
Location

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 01865

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

VOID: RFI  
12 10/27/22 21:05

Subject Name  
Test 4 / RFI  
Subject I.D.

Operator Name, I.D.  
[Signature]  
Location

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 01866

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

Air Blank:  
10/27/22 21:07 .000  
Subject Test: Auto  
25 10/27/22 21:07 .000

Subject Name  
Test 5 / Sober  
Subject I.D.

Operator Name, I.D.  
[Signature]  
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:** 28-Apr-2021

**Lot #** AG111803 **Model** 108cadd

**Exp. Date**

28-Apr-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.**

CC434668

CC234503

**Concentration**

800.0 ppm

253.0 ppm

**CRM Serial No.**

0056649

0056662

**Concentration**

390.1 ppm

150.2 ppm

**Analytical Method:**

NDIR

Digitally signed by Quality Control  
Date: 2021.04.28 18:40:40 -05:00  
Reason: Dry gas standard certification of analysis  
Location: Airgas USA LLC (Lab)

Approved for Release:

Rod Marsala

**ISO 17025:2017 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

2

**PERMIT  
 TYPE II**

**KYLE R. WINCHELL**

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 8/19/2022

NUMBER 220200

EXPIRES 8/19/2024

MO 580-0771 (6-10)

*Mike Massum*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Paula J. Nielson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 WINCHELL, KYLE  
 Permit No 220200  
 Date Issued 8/19/2022 Date Expires 8/19/2024

