



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 111772	PRINTER SN 09B.3589.481	DATE OF INSPECTION 05/01/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 4001 NE Lakewood CT Lees Summit MO 64064		TIME OF INSPECTION 11:50 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**

- SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Intoximeters LOT # AG332001 EXP. DATE 11/16/2025
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) SIMULATOR SN SIMULATOR 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 ← .099	TEST 2 ← .099	TEST 3 ← .099
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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	1	(0-.04)	0	(.05-.09)	1	(.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).

Instrument meets all DHSS standards and guidelines.

**INSPECTING OFFICER**

SIGNATURE ▶  #10	PRINT NAME Dep. S. Plain #101/0448
TYPE II PERMIT NUMBER/EXPIRATION DATE 240048 02/08/2026	TELEPHONE NUMBER (816) 541-8017

**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
2875 James Boulevard  
Poplar Bluff, MO 63901

AS IV Serial no: 111772  
Version no: 532B

TEST RECORD 00453  
s/  
Temp Date Time 210L

Air Blank:  
05/01/24 11:50 .000  
Calibration Check:  
22 05/01/24 11:50 .099

Subject Name

*Monthly Maint.*

Subject I.D.

Operator Name, I.D.

*SR-17*

Location

*CHA*

AS IV Serial no: 111772  
Version no: 532B

TEST RECORD 00454  
s/  
Temp Date Time 210L

Air Blank:  
05/01/24 11:52 .000  
Calibration Check:  
22 05/01/24 11:52 .099

Subject Name

*Monthly Maint.*

Subject I.D.

Operator Name, I.D.

*SR-17*

Location

*CHA*

AS IV Serial no: 111772  
Version no: 532B

TEST RECORD 00455  
s/  
Temp Date Time 210L

Air Blank:  
05/01/24 11:53 .000  
Calibration Check:  
23 05/01/24 11:53 .099

Subject Name

*Monthly Maint.*

Subject I.D.

Operator Name, I.D.

*SR-17*

Location

*CHA*

AS IV Serial no: 111772  
Version no: 532B

TEST RECORD 00456  
s/  
Temp Date Time 210L

UCID: RFI  
12 05/01/24 11:55

Subject Name

*Monthly Maint.*

Subject I.D.

Operator Name, I.D.

*SR-17*

Location

*CHA*



**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:** 16-Nov-2023

**Lot # AG332001    Model 108**

<b>Exp Date</b>	<b>Cyl. Type</b>	<b>Component</b>	<b>Certified Concentration</b>
16-Nov-2025	108	Ethanol Nitrogen	0.100 ± 2% BrAC (272 ppm)

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

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010562	104.2 ppm
EB0010561	103.7 ppm	EB0010579	52.94 ppm
EB0010681	52.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	799.4 ppm	CC727493	389.8 ppm
CC727496	253.4 ppm	CC727498	150.2 ppm

**Analytical Method:** NDIR

Digitally signed by: Quality Control  
 Reason: Dry gas standard certification of analysis  
 Location: Airgas USA LLC (Lab)  
 Date: 11.20.2023 17:28



**Approved for Release:** \_\_\_\_\_  
 Yusef Woods

**ISO 17025:2017 A2LA accredited. Certificate Number 3082.06**  
**ISO 17034:2016 A2LA accredited. Certificate Number 3082.07**