



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 097426	PRINTER SN 03A.2436.098	DATE OF INSPECTION 02/08/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 4001 NE Lakewood Way Ct., Lee's Summit, MO, 64064		TIME OF INSPECTION 8:52 pm

**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 # AG114701

EXP. DATE 05/27/2023

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  $\Rightarrow$  .104

TEST 2  $\Rightarrow$  .103

TEST 3  $\Rightarrow$  .102

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)	1	(.15-.19)	0	(OVER .19)	2
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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 DOHSS standards and guidelines.

**INSPECTING OFFICER**

SIGNATURE

*[Handwritten Signature]*

PRINT NAME

Dep. S. Stoff 63/0411

TYPE II PERMIT NUMBER/EXPIRATION DATE

220266 12/02/2024

TELEPHONE NUMBER

(816) 524-4302

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
 2875 James Boulevard  
 Parker Bluff MO 63001

AS IV Serial no: 097426  
Version no: 5328

TEST RECORD 01261

Temp Date Time 210L  
% /

Air Blank:

02/08/23 20:52 .000

Calibration Check:  
17 02/08/23 20:52 .104

Subject Name

TEST #1

Subject I.D.

Monthly Maint

Operator Name, I.D.

STOFF

Location

SSD 6/A

AS IV Serial no: 097426  
Version no: 5328

TEST RECORD 01262

Temp Date Time 210L  
% /

Air Blank:

02/08/23 20:55 .000

Calibration Check:  
18 02/08/23 20:55 .103

Subject Name

TEST #2

Subject I.D.

Monthly Maint

Operator Name, I.D.

STOFF

Location

SSD 6/A

AS IV Serial no: 097426  
Version no: 5328

TEST RECORD 01263

Temp Date Time 210L  
% /

Air Blank:

02/08/23 20:57 .000

Calibration Check:  
20 02/08/23 20:57 .102

Subject Name

TEST 3

Subject I.D.

Monthly Maint

Operator Name, I.D.

STOFF

Location

SSD 6/A

AS IV Serial no: 097426  
Version no: 5328

TEST RECORD 01264

Temp Date Time 210L  
% /

UOIT: RTI

12 02/08/23 20:58

Subject Name

TEST RTI

Subject I.D.

Monthly Maint

Operator Name, I.D.

STOFF

Location

SSD 6/A



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:** 1-Jun-2021

**Lot # AG114701 Model 108cacc**

**Exp. Date**  
27-May-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: 2021.06.03 17:37:33 -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



**PERMIT**  
**TYPE II**  
**SEAN R. STOFF**

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 12/2/2022

*Mike Thompson*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 220266

*David J. Nicholson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 12/2/2024

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 **STOFF, SEAN**  
 Permit No **220266**  
 Date Issued **12/2/2022** Date Expires **12/2/2024**

