



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 062092	PRINTER SN 03A.2436.036	DATE OF INSPECTION 01/10/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 4001 NE Lakewood CT Lees Summit MO 64064		TIME OF INSPECTION 8:33 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  .103	TEST 2  .102	TEST 3  .101
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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)	1	(.05-.09)	0	(.10-.14)	1	(.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.  
 Replaced Battery in AS-IV

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME Dep. S. Stoff 63/0411
TYPE II PERMIT NUMBER/EXPIRATION DATE 220266 12/02/2024	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: 062092  
Version no: 532B  
TEST RECORD 01637 <sup>g/</sup>  
Temp Date Time 210L

VOID: RFI  
12 01/10/23 20:41

Subject Name  
Monthly Maint  
Subject I.D.  
TEST 865  
Operator Name, I.D.  
STAFF 603  
Location  
GHQ

AS IV Serial no: 062092  
Version no: 532B  
TEST RECORD 01636 <sup>g/</sup>  
Temp Date Time 210L

Air Blank: 01/10/23 20:40 .000  
Calibration Check: 24 01/10/23 20:40 .101

Subject Name  
Monthly Maint  
Subject I.D.  
TEST 3  
Operator Name, I.D.  
STAFF 603  
Location  
GHQ

AS IV Serial no: 062092  
Version no: 532B  
TEST RECORD 01635 <sup>g/</sup>  
Temp Date Time 210L

Air Blank: 01/10/23 20:35 .000  
Calibration Check: 23 01/10/23 20:35 .102

Subject Name  
Monthly Maint  
Subject I.D.  
TEST 8  
Operator Name, I.D.  
STAFF 603  
Location  
GHQ

AS IV Serial no: 062092  
Version no: 532B  
TEST RECORD 01634 <sup>g/</sup>  
Temp Date Time 210L

Air Blank: 01/10/23 20:33 .000  
Calibration Check: 22 01/10/23 20:33 .103

Subject Name  
Monthly Maint  
Subject I.D.  
TEST 1  
Operator Name, I.D.  
STAFF 603  
Location  
GHQ



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

2

**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

NUMBER 220266

EXPIRES 12/2/2024

*Mike Massam*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

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

