



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

RECEIVED  
 BY: [unclear] [unclear] at 8:02 am, Nov 13, 2020

REPORT #

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 11/12/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 4001 NE Lakewood Way Ct., Lee's Summit, Mo -064064		TIME OF INSPECTION 1:06 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 # AG006306 EXP. DATE 03/03/2022

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 ➡ .102

TEST 2 ➡ .101

TEST 3 ➡ .100

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)	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 DOHSS standards and guidelines. Time adjusted for DST

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME

DEP.D.B. LOVE

TYPE II PERMIT NUMBER/EXPIRATION DATE

200052 01-10-2022

TELEPHONE NUMBER

(816) 524-4302

**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office

AS IV Serial no: 897426  
Version no: 5825

TEST RECORD

Temp Date Time

Air Blank: 11/12/20 02:40 000

Calibration Check 20 11/12/20 02:40 000

Subject Name

Monthly Maint.

Subject I.D.

Operator Name:

Dg. D.B. Loe #200052

DHSS

Location

JCSO GHQ

AS IV Serial no: 897426  
Version no: 5825

TEST RECORD

Temp Date Time

Air Blank: 11/12/20 02:44 000

Calibration Check 21 11/12/20 02:44 000

Subject Name

Monthly Maint

Subject I.D.

Operator Name:

Dg. D.B. Loe #200052

DHSS

Location

JCSO GHQ

AS IV Serial no: 897426  
Version no: 5825

TEST RECORD

Temp Date Time

Air Blank: 11/12/20 02:46 000

Calibration Check 22 11/12/20 02:46 000

Subject Name

Monthly Maint

Subject I.D.

Operator Name:

Dg. D.B. Loe #200052

DHSS

Location

JCSO GHQ

AS IV Serial no: 897426  
Version no: 5825

TEST RECORD

Temp Date Time

VOID: REI 12 11/12/20 02

Subject Name

Monthly Maint

Subject I.D.

Operator Name:

Dg. D.B. Loe #200052

DHSS

Location

JCSO 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:** 4-Mar-2020

**Lot # AG006306 Model 108cacc**

<b>Exp. Date</b> 3-Mar-2022	<b>Cyl. Type</b> 108	<b>Component</b> Ethanol Nitrogen	<b>Certified Concentration</b> 0.100 ± 2% BrAC (272 ppm) Balance
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**Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:**

<u>RGM Serial No.</u>	<u>Concentration</u>	<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

  

<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

**Analytical Method:** NDIR

Digitally signed by Quality Control  
 Date: 2020.03.05 13:27:24 -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

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**PERMIT**  
**TYPE II**  
**DUSTIN B. LOVE**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repair 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 section 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 1/10/2020

NUMBER 200052

EXPIRES 1/10/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 590-0771 (6-10)

LAB-4 (R6-1)



**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** LOVE, DUSTIN  
**Permit No** 200052  
**Date Issued** 1/10/2020    **Date Expires** 1/10/2022

