



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

RECEIVED  
 BY: [unclear] ON: 12/09/2020

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 097411	PRINTER SN 03A.2436.096	DATE OF INSPECTION 12/09/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 4001 NE Lakewood Way Ct., Lee's Summit, Mo 64064	TIME OF INSPECTION 10:23 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) 20°
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u> LOT # <u>AG006306</u> EXP. DATE <u>03-03-2022</u>	
<input type="checkbox"/> 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 ➔ .102	TEST 3 ➔ .100
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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)	0	(.10-.14)	4	(.15-.19)	1	(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 guideline.

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME S. Plain #101
TYPE II PERMIT NUMBER/EXPIRATION DATE 200054 01/10/2022	TELEPHONE NUMBER (816) 795-1960

**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 7U Serial no: 097411  
Version no: 532B

TEST RECORD 00999  
Temp Date Time 2101

Air Blank  
12/09/20 21:33 .000  
Calibration Check:  
20 12/09/20 21:33 .107

Subject Name  
Month. Maint.  
Subject I.D.

Operator Name: I.D.

Dep. S. Plain #101  
Location

JCSO GHO

AS 7U Serial no: 097411  
Version no: 532B

TEST RECORD 01000  
Temp Date Time 2101

Air Blank  
12/09/20 21:35 .000  
Calibration Check:  
21 12/09/20 21:35 .107

Subject Name  
Month. Maint.  
Subject I.D.

Operator Name: I.D.

Dep. S. Plain #101  
Location

JCSO GHO

AS 7U Serial no: 097411  
Version no: 532B

TEST RECORD 01001  
Temp Date Time 2101

Air Blank  
12/09/20 21:37 .070  
Calibration Check:  
22 12/09/20 21:37 .109

Subject Name  
Month. Maint.  
Subject I.D.

Operator Name: I.D.

Dep. S. Plain #101  
Location

JCSO GHO

AS 7U Serial no: 097411  
Version no: 532B

TEST RECORD 01002  
Temp Date Time 2101

Air Blank  
12/09/20 21:39

Subject Name  
Month. Maint.  
Subject I.D.

Operator Name: I.D.

Dep. S. Plain #101  
Location

JCSO GHO



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

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
3-Mar-2022	108	Ethanol Nitrogen	0.100 ± 2% BrAC (272 ppm) Balance

**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 -08:00  
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



**PERMIT**  
**TYPE II**  
**SEAN PLAIN**

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 1/10/2020

NUMBER 200054

EXPIRES 1/10/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

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 PLAIN, SEAN  
Permit No 200054  
Date Issued 1/10/2020 Date Expires 1/10/2022