



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 107996	PRINTER SN 099.3586.800	DATE OF INSPECTION 07/04/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 7010 N Holmes, Gladstone, MO (GPD)		TIME OF INSPECTION 11:31 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**

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u>	LOT # <u>AG908401</u> EXP. DATE <u>03/25/2021</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  .100	TEST 2  .100	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	0	(0-.04)	0	(.05-.09)	0	(.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).

Test numbers 01197 to 01208 were logged for training purposes.

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME Eric D. Stock
TYPE II PERMIT NUMBER/EXPIRATION DATE 200077 02/04/2022	TELEPHONE NUMBER (816) 423-4048

**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: 107996  
Version no: 532B

TEST RECORD 01209

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
07/04/20 11:31 .000  
Calibration Check:  
22 07/04/20 11:31 .100

Subject Name

TEST 1

Subject I.D.

EO

Operator Name, I.D.

E. Stock 200077

Location

GPD

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01210

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
07/04/20 11:33 .000  
Calibration Check:  
22 07/04/20 11:33 .100

Subject Name

TEST 2

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GPD

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01211

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
07/04/20 11:35 .000  
Calibration Check:  
23 07/04/20 11:35 .099

Subject Name

TEST 3

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GPD

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01212

Temp Date Time <sup>a/</sup> 210L

UQID: RFI  
12 07/04/20 11:36

Subject Name

RFI TEST

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GPD

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01213

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
07/04/20 11:39 .000  
Subject Test: Auto  
24 07/04/20 11:39 .000

Subject Name

Blank TEST

Subject I.D.

Operator Name, I.D.

E. Stock 200077

Location

GPD



**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:** 26-Mar-2019

**Lot # AG908401 Model 108cacc**

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
25-Mar-2021	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: 2019.03.26 12:19:36 -05:00  
 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**