



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	NAME OF AGENCY Gladstone PD	DATE OF INSPECTION 12/01/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 7010 N Holmes, Gladstone, MO		TIME OF INSPECTION 5:33 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 # AG908401 EXP. DATE 03/25/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) SIM. SN SIM. NIST 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 .104

TEST 2 .104

TEST 3 .104

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).

**INSPECTING OFFICER**

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 by mail, fax, or email.

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01257

Temp	Date	Time	a/ 210L
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Air Blank:  
12/01/20 17:33 .000  
Calibration Check:  
18 12/01/20 17:33 .104

Subject Name

TEST 1

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GLADSTONE PD

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01258

Temp	Date	Time	a/ 210L
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Air Blank:  
12/01/20 17:34 .000  
Subject Test: Man  
19 12/01/20 17:34 .104

Subject Name

TEST 2

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GLADSTONE PD

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01259

Temp	Date	Time	a/ 210L
------	------	------	------------

Air Blank:  
12/01/20 17:37 .000  
Calibration Check:  
19 12/01/20 17:37 .104

Subject Name

TEST 3

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GLADSTONE PD

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01261

Temp	Date	Time	a/ 210L
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Air Blank:  
12/01/20 17:39 .000  
Subject Test: Auto  
20 12/01/20 17:39 .000

Subject Name

BLANK TEST

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GLADSTONE PD

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01260

Temp	Date	Time	a/ 210L
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VOID: RFI  
12 12/01/20 17:38

Subject Name

RFI TEST

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GLADSTONE PD



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 108cadd**

**Exp. Date**

25-Mar-2021

**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:**

<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**