



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 02/01/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 7010 N Holmes, Gladstone, MO		TIME OF INSPECTION 1:02 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 # 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 <input type="checkbox"/> .103	TEST 2 <input type="checkbox"/> .102	TEST 3 <input type="checkbox"/> .102
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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).

<b>INSPECTING OFFICER</b>		PRINT NAME
SIGNATURE		Eric D. Stock
TYPE II PERMIT NUMBER/EXPIRATION DATE		TELEPHONE NUMBER
200077 02/04/2022		(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 01269

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

Air Blank:  
02/01/21 01:02 .000  
Calibration Check:  
22 02/01/21 01:02 .103

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 01271

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

Air Blank:  
02/01/21 01:05 .000  
Calibration Check:  
23 02/01/21 01:05 .102

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 01273

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

Air Blank:  
02/01/21 01:08 .000  
Subject Test: Auto  
23 02/01/21 01:08 .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 01270

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

Air Blank:  
02/01/21 01:04 .000  
Calibration Check:  
23 02/01/21 01:04 .102

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 01272

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

VOID: RFI  
12 02/01/21 01:07

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 108caccd**

**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:**

**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: 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**