



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 04/01/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 7010 N Holmes, Gladstone, MO		TIME OF INSPECTION 6:30 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 # AG102503 EXP. DATE 01/25/2023

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 ⬅ .101	TEST 2 ⬅ .101	TEST 3 ⬅ .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)	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).

The time on the instrument was corrected to reflect DST.

**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 01283

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

Air Blank:  
04/01/21 18:30 .000  
Calibration Check:  
23 04/01/21 18:30 .101

Subject Name

TEST 1

Subject I.D.

Operator Name, I.D.

E. Stock 200077

Location

Gladstone P.D.

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01284

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

Air Blank:  
04/01/21 18:31 .000  
Calibration Check:  
23 04/01/21 18:31 .101

Subject Name

TEST 2

Subject I.D.

Operator Name, I.D.

E. Stock 200077

Location

Gladstone P.D.

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01285

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

Air Blank:  
04/01/21 18:33 .000  
Calibration Check:  
24 04/01/21 18:33 .102

Subject Name

TEST 3

Subject I.D.

Operator Name, I.D.

E. Stock 200077

Location

Gladstone P.D.

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01286

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

VOID: RFI  
12 04/01/21 18:34

Subject Name

RFI TEST

Subject I.D.

Operator Name, I.D.

E. Stock 200077

Location

Gladstone P.D.

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01287

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

Air Blank:  
04/01/21 18:36 .000  
Subject Test: Auto  
25 04/01/21 18:36 .000

Subject Name

Blank TEST

Subject I.D.

#48

Operator Name, I.D.

E. Stock 200077

Location

Gladstone P.D.



**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:** 27-Jan-2021

**Lot # AG102503 Model 108cacd**

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
25-Jan-2023	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>
CC727481	800.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

**Analytical Method:** NDIR

Digitally signed by Quality Control  
 Date: 2021.01.29 13:36:13 -06:00  
 Reason: Dry gas standard certification of analysis  
 Location: Airgas USA LLC (Lab)

Approved for Release: \_\_\_\_\_

*Rod Marsala*  
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 Rod Marsala

**ISO 17025:2005 A2LA accredited. Certificate Number 3082.06**  
**ISO 17034:2016 A2LA accredited. Certificate Number 3082.07**