

**RECEIVED**

By Tracy Crews at 7:53 am, Oct 07, 2020

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 10/07/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 7010 N Holmes, Gladstone, MO		TIME OF INSPECTION 4:19 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 .098

TEST 2 .099

TEST 3 .099

 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) 1

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

TYPE II PERMIT NUMBER/EXPIRATION DATE  
200077 02/04/2022

PRINT NAME

Eric D. Stock

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 01226

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

Air Blank:  
10/07/20 04:19 .000  
Calibration Check:  
23 10/07/20 04:19 .098

Subject Name

TEST 1

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01228

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

Air Blank:  
10/07/20 04:22 .000  
Calibration Check:  
23 10/07/20 04:22 .099

Subject Name

TEST 3

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01230

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

Air Blank:  
10/07/20 04:25 .000  
Subject Test: Auto  
24 10/07/20 04:25 .000

Subject Name

Blank TEST

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GLAD Stone PD.

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01227

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

Air Blank:  
10/07/20 04:21 .000  
Calibration Check:  
23 10/07/20 04:21 .099

Subject Name

TEST 2

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GLAD Stone PD

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01229

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

VOID: RFI  
12 10/07/20 04:23

Subject Name

RFI TEST

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GLAD Stone 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 108cacd**

**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**