

**RECEIVED**

By Tracy Crews at 9:18 am, Aug 05, 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	PRINTER SN 099.3586.800	DATE OF INSPECTION 08/04/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 7010 N Holmes, Gladstone, MO (GPD)		TIME OF INSPECTION 8:57 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) 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 .099

TEST 3 .100

 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  
2875 James Boulevard  
Poplar Bluff, MO 63901

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01214

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

Air Blank:  
08/04/20 08:57 .000  
Calibration Check:  
23 08/04/20 08:57 .100

Subject Name

TEST 1

Subject I.D.

Operator Name, I.D.

E. Stock 200077

Location

GPD

AS IV Serial no: 107996  
Version no: 532B

TEST RECORD 01215

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

Air Blank:  
08/04/20 08:58 .000  
Calibration Check:  
23 08/04/20 08:58 .099

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 01216

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

Air Blank:  
08/04/20 09:01 .000  
Calibration Check:  
24 08/04/20 09:01 .100

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 01217

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

VOID: RFI  
12 08/04/20 09:02

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 01218

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

Air Blank:  
08/04/20 09:03 .000  
Subject Test: Auto  
24 08/04/20 09:03 .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 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:**

**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**