



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**  
 By Tracy Crews at 7:55 am, Jul 30, 2020

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 030789	PRINTER SN 84.9324.154	DATE OF INSPECTION 07/29/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) Jefferson County Sheriff's Office, 410 First Street, Hillsboro, MO 63050	TIME OF INSPECTION 8:27 pm
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**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 Intoximeter LOT # AG912204 EXP. DATE 05/02/2021

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 .103

TEST 2 .102

TEST 3 .101

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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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 Deputy Nicholas Gamm #549
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TYPE/ PERMIT NUMBER/ EXPIRATION DATE 200190 / 06/22/2022	TELEPHONE NUMBER (636) 797-5000
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**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: 030789  
Version no: 532B

TEST RECORD 00171

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

Air Blank:  
07/29/20 20:34 .000  
Calibration Check:  
25 07/29/20 20:34 .103

Subject Name

*Aug Maintenance*

Subject I.D.

*Gamma 549*

Operator Name, I.D.

*20090/06/22/2022*

Location

*Test #1*

AS IV Serial no: 030789  
Version no: 532B

TEST RECORD 00172

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

Air Blank:  
07/29/20 20:36 .000  
Calibration Check:  
26 07/29/20 20:36 .102

Subject Name

Subject I.D.

Operator Name, I.D.

Location

*Test #2*

AS IV Serial no: 030789  
Version no: 532B

TEST RECORD 00173

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

Air Blank:  
07/29/20 20:38 .000  
Calibration Check:  
26 07/29/20 20:38 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Location

*Test #3*

AS IV Serial no: 030789  
Version no: 532B

TEST RECORD 00174

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

VOID: RFI  
12 07/29/20 20:40

Subject Name

Subject I.D.

Operator Name, I.D.

Location

*RFI*





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:** 6-May-2019

**Lot # AG912204 Model 108cacd**

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
2-May-2021	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>
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: 2019.05.17 12:35:24 -0500  
 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**





**STATE OF MISSOURI**  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM

**INSTRUMENT OPERATOR CARD**

*The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.*

**Operator** GAMM, NICHOLAS

**Permit No** 200190

**Date Issued** 6/26/2020 **Date Expires** 6/26/2022

