



**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**

REPORT #

Complete this report in duplicate at the time of the regular monthly preventative maintenance of the instrument. Send copy to Department of Health and Senior Services; retain original in department file.

By Tracy Crews at 12:48 pm, Oct 13, 2021

ALCO SENSOR IV SN 111676	NAME OF AGENCY Jefferson County Sheriff's Office	DATE OF INSPECTION 10/08/2021
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LOCATION OF INSTRUMENT (STREET AND CITY) 410 First Street, Hillsboro, MO 63050	TIME OF INSPECTION 5:50 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**

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER Intoximeter	LOT # AG109702 EXP. DATE 04/07/2023
<input type="checkbox"/> 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 .097	TEST 2 .098	TEST 3 .097
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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-.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).

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME Deputy Nicholas Gamm 549
TYPE II PERMIT NUMBER/EXPIRATION DATE 200190 / 06/22/2022	TELEPHONE NUMBER (636) 797-5000

**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: 111676  
Version no: 532B

TEST RECORD 00150

Temp	Date	Time	a/ 210L
Air Blank:			
	10/08/21	17:47	.000
Calibration Check:			
32	10/08/21	17:47	.097

Subject Name  
*Out Maintenance*

Subject I.D.  
*Gamm, 200190*

Operator Name, I.D.

Location  
*Test #1*

AS IV Serial no: 111676  
Version no: 532B

TEST RECORD 00151

Temp	Date	Time	a/ 210L
Air Blank:			
	10/08/21	17:49	.000
Calibration Check:			
32	10/08/21	17:49	.098

Subject Name

Subject I.D.

Operator Name, I.D.

Location  
*Test #2*

AS IV Serial no: 111676  
Version no: 532B

TEST RECORD 00152

Temp	Date	Time	a/ 210L
Air Blank:			
	10/08/21	17:51	.000
Calibration Check:			
32	10/08/21	17:51	.097

Subject Name

Subject I.D.

Operator Name, I.D.

Location  
*Test #3*

AS IV Serial no: 111676  
Version no: 532B

TEST RECORD 00153

Temp	Date	Time	a/ 210L
VOID: RFI			
	12	10/08/21	17:52

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: 8-Apr-2021

Lot # AG109702 Model 108cacc

<u>Exp. Date</u> 7-Apr-2023	<u>Cyl. Type</u> 108	<u>Component</u> Ethanol Nitrogen	<u>Certified Concentration</u> 0.100 ± 2% BrAC (272 ppm) Balance
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

<u>RGM Serial No.</u> EB0010581 EB0010570 EB0010285 EB0010561 EB0010681	<u>Concentration</u> 392.1 ppm 259.8 ppm 208.0 ppm 103.6 ppm 52.12 ppm	<u>RGM Serial No.</u> EB0010603 EB0010559 EB0010595 EB0010562 EB0010579	<u>Concentration</u> 393.0 ppm 258.2 ppm 208.3 ppm 104.2 ppm 52.81 ppm
<u>CRM Serial No.</u> CC727481 CC727496	<u>Concentration</u> 800.0 ppm 253.0 ppm	<u>CRM Serial No.</u> CC727493 CC727498	<u>Concentration</u> 390.0 ppm 150.0 ppm

Analytical Method: NDIR

Digitally signed by Quality Control  
 Date: 2021.04.08 18:24:39 -05:00  
 Reason: Dry gas standard certification of analysis  
 Location: Airgas USA LLC (Lab)

Approved for Release:

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 Rod Marsala

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