



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

RECEIVED
 By Tracy Crews at 8:25 am, Mar 22, 2022

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

ALCO SENSOR IV SN 030788	NAME OF AGENCY Jefferson County Sheriff's Office	DATE OF INSPECTION 03/18/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 410 First Street, Hillsboro, MO 63050		TIME OF INSPECTION 6:26 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

<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 ➡ .096	TEST 2 ➡ .097	TEST 3 ➡ .096
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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).

INSPECTING OFFICER	
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: 030788
Version no: 532B

TEST RECORD 00494

Temp Date Time ^{g/} 210L

Air Blank:
03/18/22 18:28 .000
Calibration Check:
21 03/18/22 18:28 .096

Subject Name

March 22 Maintenance

Subject I.D.

Gamm, 200190

Operator Name, I.D.

JCSO HQ

Location

Test #1

AS IV Serial no: 030788
Version no: 532B

TEST RECORD 00495

Temp Date Time ^{g/} 210L

Air Blank:
03/18/22 18:32 .000
Calibration Check:
22 03/18/22 18:32 .097

Subject Name

Subject I.D.

Operator Name, I.D.

Location

Test #2

AS IV Serial no: 030788
Version no: 532B

TEST RECORD 00496

Temp Date Time ^{g/} 210L

Air Blank:
03/18/22 18:34 .000
Calibration Check:
23 03/18/22 18:34 .096

Subject Name

Subject I.D.

Operator Name, I.D.

Location

Test #3

AS IV Serial no: 030788
Version no: 532B

TEST RECORD 00497

Temp Date Time ^{g/} 210L

VOID: RF1
12 03/18/22 18:38

Subject Name

Subject I.D.

Operator Name, I.D.

Location

RFI!!!



Airgas USA LLC (F.A.G.)
 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 108cadd

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
7-Apr-2023	108	Ethanol	0.100 ± 2% BrAC (272 ppm)
		Nitrogen	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	52.01 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: 2021.04.08 18:24:39 -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