



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

REPORT #

By Tracy Crews at 9:21 am, Feb 08, 2021

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

ALCO SENSOR IV SN 111676	NAME OF AGENCY Jefferson County Sheriff's Office	DATE OF INSPECTION 02/07/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 410 First Street, Hillsboro, MO 63050		TIME OF INSPECTION 7:30 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 type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u> LOT # <u>AG912204</u> EXP. DATE <u>05/02/2021</u>	
<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 .103	TEST 2 .102	TEST 3 .101
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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.

Temp Date Time ^{a/} 210L
Air Blank:
02/07/21 19:44 .000
Calibration Check:
21 02/07/21 19:44 .103

Subject Name
Feb Maintenance
Subject I.D.
Gamma 200190
Operator Name, I.D.
#10 First St
Location
Test #1

AS IV Serial no: 111676
Version no: 532B

TEST RECORD 00095
Temp Date Time ^{a/} 210L
Air Blank:
02/07/21 19:45 .000
Calibration Check:
22 02/07/21 19:45 .102

Subject Name
Subject I.D.
Operator Name, I.D.
Location
Test #2

AS IV Serial no: 111676
Version no: 532B

TEST RECORD 00096
Temp Date Time ^{a/} 210L
Air Blank:
02/07/21 19:51 .000
Calibration Check:
23 02/07/21 19:51 .101

Subject Name
Subject I.D.
Operator Name, I.D.
Location
Test #3

AS IV Serial no: 111676
Version no: 532B

TEST RECORD 00097
Temp Date Time ^{a/} 210L
VOID: RFI
12 02/07/21 19:52

Subject Name
Subject I.D.
Operator Name, I.D.
Location
RFI!



Airgas USA LLC (LAB)
 3500 Bernard Street
 St Louis Mo 63103
 Ph: (314) 523-3100
 Fax: (314) 523-7328

Certificate of Analysis

Customer Name
 Exclusive Supplier
 Intoximeters Inc
 2081 Craig Road
 St Louis Mo 63140

Test Date: 6-May-2019

Lot # AG912204 Model 108cacc

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
01/14/2019	106	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

Approved for Release:

Rod Marsala

Rod Marsala

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