



# ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

**RECEIVED**

By Tracy Crews at 10:13 am, Mar 27, 2021

RT #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 030807	NAME OF AGENCY Jefferson County Sheriff's Office	DATE OF INSPECTION 03/10/2021
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 checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER Intoximeters	LOT # AG912204 EXP. DATE 05/02/2021
<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 ← .102	TEST 2 ← .101	TEST 3 ← .105
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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 Shawn Loness #391
TYPE II PERMIT NUMBER/EXPIRATION DATE 200300 12/11/2022	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: 030807  
Version no: 532B

TEST RECORD 00093

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

Air Blank:  
03/10/21 21:35 .000  
Calibration Check:  
25 03/10/21 21:35 .102

Subject Name

*MARCH 2021*

Subject I.D.

*MET*

Operator Name, I.D.

*LONESS 200300*

Location

*TEST #1*

AS IV Serial no: 030807  
Version no: 532B

TEST RECORD 00094

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

Air Blank:  
03/10/21 21:39 .000  
Calibration Check:  
26 03/10/21 21:39 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Location

*TEST #2*

AS IV Serial no: 030807  
Version no: 532B

TEST RECORD 00095

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

Air Blank:  
03/10/21 21:43 .000  
Calibration Check:  
27 03/10/21 21:43 .105

Subject Name

Subject I.D.

Operator Name, I.D.

Location

*TEST #3*

AS IV Serial no: 030807  
Version no: 532B

TEST RECORD 00096

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

GOIN: RFI  
12 03/10/21 21:45

Subject Name

Subject I.D.

Operator Name, I.D.

Location

*RFI!*

## Certificate of Analysis

Customer Name  
Exclusive Supplier  
Proximeters, Inc  
2081 Craig Road  
St. Louis, Mo 63110

Test Date: 6-May-2019

Lot # AG912204 Model 108cadd

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
01/16/19	TCB	Ethanol	0.100 ± 2% BiAC (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	250.8 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

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