



# ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

**RECEIVED**

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

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 111676	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

- SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Intoximeters LOT # AG912204 EXP. DATE 05/02/2021
- 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 ← .102
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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 Shawn Lonest #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: 111676  
Version no: 532B

TEST RECORD 00100

Temp Date Time <sup>s/</sup> 219L

Air Blank:  
03/10/21 18:50 .000  
Calibration Check:  
21 03/10/21 18:50 .103

Subject Name  
MARCH 2001

Subject I.D.  
MAST

Operator Name, I.D.  
HONESS 200300

Location  
TEST #1

AS IV Serial no: 111676  
Version no: 532B

TEST RECORD 00101

Temp Date Time <sup>s/</sup> 219L

Air Blank:  
03/10/21 18:52 .000  
Calibration Check:  
22 03/10/21 18:52 .102

Subject Name

Subject I.D.

Operator Name, I.D.

Location  
TEST #2

AS IV Serial no: 111676  
Version no: 532B

TEST RECORD 00102

Temp Date Time <sup>s/</sup> 219L

Air Blank:  
03/10/21 18:54 .000  
Calibration Check:  
22 03/10/21 18:54 .102

Subject Name

Subject I.D.

Operator Name, I.D.

Location  
TEST #3

AS IV Serial no: 111676  
Version no: 532B

TEST RECORD 00103

Temp Date Time <sup>s/</sup> 219L

VOID: REI  
12 03/10/21 18:55

Subject Name

Subject I.D.

Operator Name, I.D.

Location  
REI



2222 Bernate Street  
 St. Louis, Mo 63103  
 Ph: (314) 523-3100  
 Fax: (314) 523-4100

## Certificate of Analysis

Customer Name

*Inclusive Supplier*  
 Intoximeters, Inc  
 2081 Craig Road  
 St. Louis, Mo 63146

Test Date: 6-May-2019

Lot # AG912204 Model 108cacc

Exp. Date

Cyl. Type

Component

Certified Concentration

11/30/2017

108

Ethanol

0.106 ± 2% EtAC (272 ppm)

Nitrogen

Balance

Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No.

Concentration

RGM Serial No.

Concentration

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

CRM Serial No.

Concentration

CRM Serial No.

Concentration

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