



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

**RECEIVED**  
 By Tracy Crews at 3:17 pm, Jun 28, 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 111769	NAME OF AGENCY Columbia Police Department	DATE OF INSPECTION 06/24/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 600 East Walnut Columbia		TIME OF INSPECTION 4:55 am

**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 <u>Intoximeters</u>	LOT # <u>AG020401</u> EXP. DATE <u>07/22/2022</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 ← <b>.103</b>	TEST 2 ← <b>.102</b>	TEST 3 ← <b>.102</b>
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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 <b>2</b>	(0-.04) <b>1</b>	(.05-.09) <b>0</b>	(.10-.14)	(.15-.19) <b>2</b>	(OVER .19) <b>1</b>
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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).

# Monthly Maintenance

<b>INSPECTING OFFICER</b>	
SIGNATURE <i>Mark D. Hoehne</i>	PRINT NAME <b>Mark D. Hoehne</b>
TYPE II PERMIT NUMBER/EXPIRATION DATE <b>200187 06/15/2022</b>	TELEPHONE NUMBER <b>(573-874-7585)</b>

**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: 111769  
Version no: 532B

TEST RECORD 00077

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

Air Blank:  
06/24/21 04:56 .000  
Calibration Check:  
20 06/24/21 04:56 .103

Subject Name

Test # 1

Subject I.D.

Hochne, Mark D. 2078  
Operator Name, I.D.

Location

AS IV Serial no: 111769  
Version no: 532B

TEST RECORD 00078

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

Air Blank:  
06/24/21 04:57 .000  
Calibration Check:  
21 06/24/21 04:57 .102

Subject Name

Test # 2

Subject I.D.

Hochne, Mark D. 2078  
Operator Name, I.D.

Location

AS IV Serial no: 111769  
Version no: 532B

TEST RECORD 00079

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

Air Blank:  
06/24/21 04:59 .000  
Calibration Check:  
21 06/24/21 04:59 .102

Subject Name

Test # 3

Subject I.D.

Hochne, Mark D. 2078  
Operator Name, I.D.

Location

AS IV Serial no: 111769  
Version no: 532B

TEST RECORD 00080

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

VOID: RFI  
12 06/24/21 05:01

Subject Name

RFI Check

Subject I.D.

Hochne, Mark D. 2078  
Operator Name, I.D.

Location

Customer Name  
Exclusive Supplier  
Intoximeters Inc  
2081 Craig Road  
St. Louis, Mo 63146

Lot # AG020401 Model 108cadd

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
22-Jul-2022	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	EB0010593	393.0 ppm
EB0010570	259.8 ppm	EB0010560	268.2 ppm
EB0010286	208.0 ppm	FR0010835	208.3 ppm
EB0010584	103.5 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	0058649	390.1 ppm
CC234603	253.0 ppm	0056662	160.2 ppm

Analytical Method:      **NDIR**

Digitally signed by Quality Control  
Date: 2020.07.27 18:28:46 -05:00  
Reason: Dry gas standards certification of analyte.  
Location: Alpark USA LLC (Lab)

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

# ALCO-SENSOR IV WITH PRINTER, IN FOX DAVE

is defined in terms of the actual number of hours from a sample of recorded air. Periods of 100 hours are used for the purpose of this program. The program is written in FORTRAN and runs on the IBM 360/50 computer.

STATE OF MISSOURI  
DEPARTMENT OF HEALTH  
PUBLIC ACCIDENT PROGRAM

## INSTRUMENT OPERATOR CARD

This card is used to identify the instrument operator. It is a permanent record of the instrument operator's name and address. It is used to identify the instrument operator in the event of an accident.

Operator: FOX DAVE  
Serial No: 200197  
Date Issued: 01/15/2020 Date Expires: 01/15/2022

