



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

**RECEIVED**  
By Tracy Crews at 6:26 am, Mar 25, 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 03/20/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 600 East Walnut Columbia		TIME OF INSPECTION 7:49 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 # AG020401 EXP. DATE 07/22/2022

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 ← .099

TEST 2 ← .098

TEST 3 ← .098

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 2 (0-.04) 0 (.05-.09) 2 (.10-.14) 1 (.15-.19) 1 (OVER .19) 2

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

**INSPECTING OFFICER**

SIGNATURE  
▶ *Mark D. Hoehne*

PRINT NAME  
Mark D. Hoehne

TYPE II PERMIT NUMBER/EXPIRATION DATE  
200187 06/15/2022

TELEPHONE NUMBER  
(573-874)-7585

**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 00021

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

Air Blank:  
03/20/21 19:50 .000  
Calibration Check:  
17 03/20/21 19:50 .099

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 00022

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

Air Blank:  
03/20/21 19:52 .000  
Calibration Check:  
18 03/20/21 19:52 .098

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 00023

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

Air Blank:  
03/20/21 19:54 .000  
Calibration Check:  
19 03/20/21 19:54 .098

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 00024

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

VOID: RFI  
12 03/20/21 19:55

Subject Name

RFI Check

Subject I.D.

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

Location

AS IV Serial no: 111769  
Version no: 532B

TEST RECORD 00025

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

Air Blank:  
03/20/21 19:56 .000  
Subject Test: Auto  
20 03/20/21 19:56 .000

Subject Name

Self Test

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 108cacc**

<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	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	268.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.8 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>
CC434658	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

**Analytical Method: NDIR**

Digitally signed by Quality Control  
Date: 2020.07.27 16:29:45 -05:00  
Reason: Dry gas standard certification of analysis  
Location: Kirgas 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**

with the exclusion of the blood alcohol content of the blood sample. The instrument shall be used only for the purpose of determining the blood alcohol content of the blood sample.

# ALCO-SENSOR IV WITH PRINTER, INTOX DMET

for the determination of the alcohol content of blood from a sample of expired air. Permit issued under the provisions of articles 920 through 970 RSMo, RSMo and 300.111 through 300.119 HBMo.

STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM

**INSTRUMENT OPERATOR CARD**

This instrument is used to determine the alcohol content of a blood sample from a person's expired air. The instrument is used to determine the alcohol content of a blood sample from a person's expired air.

Operator: **TRICINI, ISAAC**  
Permit No: **200197**  
Date Issued: **8/15/2020** Date Expires: **6/15/2022**

