



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

**RECEIVED**  
 By Tracy Crews at 10:51 am, Jun 10, 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 100284	NAME OF AGENCY Columbia Police Department	DATE OF INSPECTION 06/10/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 600 East Walnut Columbia		TIME OF INSPECTION 4:15 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 → .098	TEST 2 → .098	TEST 3 → .098
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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 2	(0-.04) 0	(.05-.09) 0	(.10-.14) 0	(.15-.19) 1	(OVER .19) 0
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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 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: 100284  
Version no: 532B

TEST RECORD 00293

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
06/10/21 04:16 .000  
Calibration Check:  
24 06/10/21 04:16 .098

Subject Name

Test # 1

Subject I.D.

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

Location

AS IV Serial no: 100284  
Version no: 532B

TEST RECORD 00294

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
06/10/21 04:18 .000  
Calibration Check:  
24 06/10/21 04:18 .098

Subject Name

Test # 2

Subject I.D.

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

Location

AS IV Serial no: 100284  
Version no: 532B

TEST RECORD 00295

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
06/10/21 04:20 .000  
Calibration Check:  
24 06/10/21 04:20 .098

Subject Name

Test # 3

Subject I.D.

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

Location

AS IV Serial no: 100284  
Version no: 532B

TEST RECORD 00296

Temp Date Time <sup>9/</sup> 210L

VOID: RFI  
12 06/10/21 04:21

Subject Name

RFI check

Subject I.D.

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

Location

AS IV Serial no: 100284  
Version no: 532B

TEST RECORD 00297

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
06/10/21 04:23 .000  
Subject Test: Auto  
24 06/10/21 04:23 .000

Subject Name

Self Test

Subject I.D.

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

Location

Customer Name  
Exclusive Supplier  
Innovameters, Inc  
2531 Craig Road  
St. Louis Mo 63146

Lot # AG020401 Model 108caod

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
22-Jul-2022	108	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	383.0 ppm
EB0010570	259.8 ppm	EB0010569	258.2 ppm
EB0010285	208.0 ppm	EB0010685	208.3 ppm
EB0010581	103.6 ppm	EB0010562	104.2 ppm
EB0010581	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

Digitally signed by Quality Central  
Date: 2022.07.22 16:29:45 -05:00  
Reason: Dry gas standard certification of analysis  
Location: Argas 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 a detector that is used to measure alcohol, but that does not print out the results of the test, and is not used to determine the alcohol content of a sample of breath.

# ALCO-SENSOR IV WITH PRINTER, INTOX DMTE

to determine the alcohol content of a breath sample of expired air. Permit issued under the provisions of sections 202 through 207, RSMo and sections 302.017 through 302.019 RSMo.

STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
INSPIRATORY PROGRAM

## INSTRUMENT OPERATOR CARD

This instrument is used to determine the alcohol content of a breath sample of expired air. It is not used to determine the alcohol content of a breath sample of expired air.

Operator: HOWARD, MARIK

Permit No. 200187

Date Issued 8/15/2020 Date Expires 8/15/2022

