



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

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 04/19/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 600 E. Walnut St. Columbia		TIME OF INSPECTION 8:27 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 <u>Intoximeters</u>	LOT # <u>AG209701</u> EXP. DATE <u>04/07/2024</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 ← .099	TEST 2 ← .099	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	0	(0-.04)	0	(.05-.09)	1	(.10-.14)	2	(.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 220158 06/14/2024	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 00383

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

Air Blank:  
04/19/23 20:27 .000  
Calibration Check:  
23 04/19/23 20:27 .099

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 00384

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

Air Blank:  
04/19/23 20:29 .000  
Calibration Check:  
23 04/19/23 20:29 .099

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 00385

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

Air Blank:  
04/19/23 20:31 .000  
Calibration Check:  
23 04/19/23 20:31 .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 00386

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

VOID: RFI  
12 04/19/23 20:33

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 00387

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

Air Blank:  
04/19/23 20:34 .000  
Subject Test: Auto  
23 04/19/23 20:34 .000

Subject Name

Self Test

Subject I.D.

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

Location



Airgas USA, L.P. (U.S.A.)  
 6000 Hammond Street  
 St. Louis, Mo. 63103  
 Fax (314) 699-3100  
 Fax (314) 699-7200

### Certificate of Analysis

Customer Name  
 Exclusive Supplier  
 Intermetals, Inc.  
 3061 Craig Road  
 St. Louis, Mo 63116

Test Date 11-Apr-2022

Lot # AG209701 Model 100

Exp Date 7-Apr-2024      Cyl. Type 100      Component Ethanol Nitrogen      Certified Concentration 0.100 ± 2% EtAO (272 ppm)

Certification Traceable to NIST, RGM and to CRM Ethanol Standards

RGM Serial No.	Concentration	RGM Serial No.	Concentration
810010007	301.8 ppm	600010008	302.5 ppm
810010070	299.8 ppm	600010009	299.8 ppm
810010080	299.8 ppm	600010082	294.2 ppm
810010081	189.7 ppm	600010079	189.9 ppm
810010081	82.22 ppm		
CRM Serial No.	Concentration	CRM Serial No.	Concentration
60727401	300.0 ppm	60727402	300.0 ppm
60727402	300.0 ppm	60727404	189.9 ppm

Analytical Method: NDIR

Not valid for use as a certificate of analysis  
 unless accompanied by a certificate of analysis  
 from the manufacturer.

Approved for Release:       Rod Murcia        
 Rod Murcia

ISO 17025:2017 A2LA accredited. Certificate Number 3072.06  
 ISO 17034:2016 A2LA accredited. Certificate Number 3002.07



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

2

PERMIT  
TYPE II

MARK D HOEHNE

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**ALCO-SENSOR IV WITH PRINTER, INTOX DMT**

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.080 through 577.047, RSMo and 306.111 through 306.119 RSMo.

DATE 6/14/2021

NUMBER 220192

EXPIRES 6/14/2024

MSB 400-001 (6-09)

*Milda Mazon*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Paul W. Robinson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LSH-4 (06-03)

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

**INSTRUMENT OPERATOR CARD**

This person only operates and/or is responsible for operation and/or repair of breath alcohol analyzers for the determination of the alcoholic content of blood from a sample of expired air.

Operator: **HOEHNE, MARK**  
 License No: **832103**  
 Issue/Reissue: **07-02-22** Photo Expires: **07/2/24**

