



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 111769	NAME OF AGENCY Columbia Police Department	DATE OF INSPECTION 02/02/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 600 E. Walnut St Columbia		TIME OF INSPECTION 7:10 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  .100	TEST 2  .101	TEST 3  .101
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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	1	(0-.04)	0	(.05-.09)	2	(.10-.14)	3	(.15-.19)	1	(OVER .19)	2
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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 	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: 111769  
Version no: 532B

TEST RECORD 00476

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

Air Blank:  
02/02/24 19:11 .000  
Calibration Check:  
19 02/02/24 19:11 .100

Subject Name

Test # 1

Subject I.D.

Hoehne, Mark D. 2078

Operator Name, I.D.

Location

AS IV Serial no: 111769  
Version no: 532B

TEST RECORD 00477

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

Air Blank:  
02/02/24 19:13 .000  
Calibration Check:  
20 02/02/24 19:13 .101

Subject Name

Test # 2

Subject I.D.

Hoehne, Mark D. 2078

Operator Name, I.D.

Location

AS IV Serial no: 111769  
Version no: 532B

TEST RECORD 00478

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

Air Blank:  
02/02/24 19:15 .000  
Calibration Check:  
20 02/02/24 19:15 .101

Subject Name

Test # 3

Subject I.D.

Hoehne, Mark D. 2078

Operator Name, I.D.

Location

AS IV Serial no: 111769  
Version no: 532B

TEST RECORD 00479

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

VOID: RFI  
12 02/02/24 19:16

Subject Name

RFE Check

Subject I.D.

Hoehne, Mark D. 2078

Operator Name, I.D.

Location

AS IV Serial no: 111769  
Version no: 532B

TEST RECORD 00480

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

Air Blank:  
02/02/24 19:17 .000  
Subject Test: Auto  
21 02/02/24 19:17 .000

Subject Name

Self Test

Subject I.D.

Hoehne, Mark D. 2078

Operator Name, I.D.

Location



Airgas USA LLC (LAB)  
 3600 Bernard Street  
 St. Louis, Mo. 63103  
 Ph: (314) 633-3100  
 Fax: (314) 633-7328

## Certificate of Analysis

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

Test Date: 11-Apr-2022

Lot # AG209701 Model 108

Exp Date 7-Apr-2024	Cyl. Type 108	Component Ethanol Nitrogen	Certified Concentration 0.100 ± 2% BrAC (272 ppm)
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010561	391.6 ppm	EB0010563	302.5 ppm
EB0010570	259.8 ppm	EB0010559	255.0 ppm
EB0010285	209.0 ppm	EB0010562	104.2 ppm
EB0010861	103.7 ppm	EB0010579	52.94 ppm
EB0010681	52.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	660.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Digitaly signed by: Quality Control  
 Reason: My gas standard certification of analysis  
 Location: Airgas USA, LLC (Lab)  
 Date: 04.12.2022 7:40

Approved for Release: \_\_\_\_\_

Rod Marsala

ISO 17025:2017 A2LA accredited. Certificate Number 3082.06  
 ISO 17034:2016 A2LA accredited. Certificate Number 3082.07



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



**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 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 6/14/2022

NUMBER 220158

EXPIRES 6/14/2024

*Milo Marston*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*David F. Nicholson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (8-10)

LAD-4 (PB-10)

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

**INSTRUMENT OPERATOR CARD**

The named operator is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.

Operator **HOEHNE, MARK**  
Permit No **220158**  
Date Issued **6/14/2022** Date Expires **6/14/2024**

