



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

**RECEIVED**  
By Tracy Crews at 6:32 am, Feb 16, 2022

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 02/09/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 600 East Walnut Columbia		TIME OF INSPECTION 8:08 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 ← .102	TEST 2 ← .101	TEST 3 ← .102
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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) 2	(.10-.14) 0	(.15-.19) 2	(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

INSPECTING OFFICER	
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: 111769  
Version no: 532B

TEST RECORD 00191

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

Air Blankt  
02/09/22 20:09 .000  
Calibration Checkt  
22 02/09/22 20:09 .102

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 00192

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

Air Blankt  
02/09/22 20:10 .000  
Calibration Checkt  
22 02/09/22 20:10 .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 00193

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

Air Blankt  
02/09/22 20:12 .000  
Calibration Checkt  
22 02/09/22 20:12 .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 00194

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

COVID: RFI  
12 02/09/22 20:13

Subject Name

RFI Check

Subject I.D.

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

Location

AS IV Serial no: 111769  
Version no: 532B

TEST RECORD 00195

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

Air Blankt  
02/09/22 20:14 .000  
Subject Test: Auto  
22 02/09/22 20:14 .000  
Self Test

Subject I.D.

Self Hoehne, Mark D. 2078

Operator Name, I.D.

Location



Airgas USA LLC (LAB)  
 3600 Barnhart Street  
 St. Louis, Mo. 63103  
 Ph: (314) 833-3100  
 Fax: (314) 833-7020

**Certificate of Analysis**

**Customer Name**  
**Exclusive Supplier**  
 Intoximeters, Inc.  
 2061 Craig Road  
 St. Louis, Mo 63148

**Test Date:** 22-Jul-2020

**Lot # AG020401 Model 1060acd**

<b>Exp. Date</b> 22-Jul-2022	<b>Cyl. Type</b> 108	<b>Component</b> Ethanol Nitrogen	<b>Certified Concentration</b> 0.100 ± 2% BrAG (272 ppm) Balance
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**Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:**

<b>RGM Serial No.</b> EB0010661	<b>Concentration</b> 302.1 ppm	<b>RGM Serial No.</b> EB0010663	<b>Concentration</b> 303.0 ppm
EB0010670	259.8 ppm	EB0010669	258.2 ppm
EB0010286	208.0 ppm	EB0010686	208.3 ppm
EB0010661	103.6 ppm	EB0010662	104.2 ppm
EB0010011	52.12 ppm	EB0010679	52.01 ppm

<b>CRM Serial No.</b> CC434668	<b>Concentration</b> 800.0 ppm	<b>CRM Serial No.</b> 0058849	<b>Concentration</b> 300.1 ppm
CC234603	263.0 ppm	0058862	100.2 ppm

**Analytical Method:** NDIR

Digitally signed by Quality Control  
 Date: 2020.07.22 10:20:40 -0500  
 Reason: I'm not a certified authority of analysis  
 Location: Airgas 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**



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 8577.020 through 877.041, RSMo and 808.111 through 808.119 RSMo.

DATE 6/15/2020

NUMBER 200187


EXPIRES 6/15/2022

MCS 800-0774 (8-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAD-4 (8-10)

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

**INSTRUMENT OPERATOR CARD**

*This named individual is authorized to operate an approved breath alcohol instrument for the determination of the alcoholic content in breath from an expired air in Missouri.*

Operator **HOEHNE, MARK**  
Permit No. **200187**  
Date Issued **6/15/2020** Date Expires **6/15/2022**

