



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

**RECEIVED**  
 By Tracy Crews at 10:17 am, Feb 18, 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<br>100284  | NAME OF AGENCY<br>Columbia Police Department | DATE OF INSPECTION<br>02/18/2021 |
| LOCATION OF INSTRUMENT (STREET AND CITY)<br>600 East Walnut Columbia |  | TIME OF INSPECTION<br>2:04 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**

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 ← .102

TEST 3 ← .101

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) 2 | (.15-.19) 2 | (OVER .19) 1

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<br>▶ <i>Mark D. Hoehne</i>                       | PRINT NAME<br>Mark D. Hoehne       |
| TYPE II PERMIT NUMBER/EXPIRATION DATE<br>200187 06/15/2022 | TELEPHONE NUMBER<br>(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: 100283  
Version no: 532B

TEST RECORD 00247

Temp Date Time <sup>g/</sup> 2100

Air Blank:  
02/18/21 02:05 .000  
Calibration Check:  
21 02/18/21 02:05 .102

Subject Name

Test # 1  
Subject I.I.

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

Location

AS IV Serial no: 100284  
Version no: 532B

TEST RECORD 00248

Temp Date Time <sup>g/</sup> 2100

Air Blank:  
02/18/21 02:06 .000  
Calibration Check:  
21 02/18/21 02:06 .102

Subject Name

Test # 2  
Subject I.I.

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

Location

AS IV Serial no: 100284  
Version no: 532B

TEST RECORD 00249

Temp Date Time <sup>g/</sup> 2100

Air Blank:  
02/18/21 02:08 .000  
Calibration Check:  
22 02/18/21 02:08 .101

Subject Name

Test # 3  
Subject I.I.

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

Location

AS IV Serial no: 100284  
Version no: 532B

TEST RECORD 00250

Temp Date Time <sup>g/</sup> 2100

VOID: RFI  
12 02/18/21 02:09

Subject Name

RFI check  
Subject I.I.

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

Location

AS IV Serial no: 100284  
Version no: 532B

TEST RECORD 00251

Temp Date Time <sup>g/</sup> 2100

Air Blank:  
02/18/21 02:11 .000  
Subject Test: Auto  
24 02/18/21 02:11 .000

Subject Name

Self Test  
Subject I.I.

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

Location

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

Lot # AG020401 Model 108cccd

| <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            | EB0010569             | 258.2 ppm            |
| EB0010285             | 208.0 ppm            | EB0010595             | 208.3 ppm            |
| EB0010561             | 103.6 ppm            | EB0010662             | 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> |
|-----------------------|----------------------|-----------------------|----------------------|
| CC434668              | 800.0 ppm            | 0056649               | 390.1 ppm            |
| CC234503              | 253.0 ppm            | 0056662               | 150.2 ppm            |

Analytical Method: NDIR

Digitally signed by Quality Control  
Date: 2020.07.22 18:29:45 -05:00  
Reason: Dry gas standard certification of analysis  
Location: Airgas USA LLC (Lab)

Approved for Release:

  
Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 3082.06  
ISO 17034:2016 A2LA accredited. Certificate Number 3082.07

ready to be used in a clinical and supervisory capacities, from instructors, a spent, calibration solution held for 20 days, expires, from the following list of instruments:

## ALCO-SENSOR IV WITH PRINTER, INTOX DMF

the determination of the alcohol content of blood from a sample of expired air. Permit issued under the provisions of sections 192.01 through 192.041, RSMo and 306.111 through 306.119 RSMo

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

**INSTRUMENT OPERATOR CARD**

*(An instrument operator is a person who operates an instrument used for the determination of the alcohol content in breath from expired air.)*

Operator: HOSEINE, MARIK

Permit No: 200187

Date Issued 5/15/2020 Date Expires 6/15/2022

