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By Tracy Crews at 1:21 pm, May 15, 2023



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 <u>111330</u>	PRINTER SN <u>099.3586.576</u>	DATE OF INSPECTION <u>05-12-23</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>303 E 3rd St Joplin MO 64801</u>		TIME OF INSPECTION <u>1443</u>

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 Intoximekars LOT # A6133004 EXP. DATE 11/30/23

SIMULATOR TEMPERATURE (34°C ± 0.2°C) \_\_\_\_\_ SIMULATOR SN \_\_\_\_\_ SIMULATOR 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 = <u>.108</u>	TEST 2 = <u>.101</u>	TEST 3 = <u>.101</u>
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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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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).

INSPECTING OFFICER

SIGNATURE [Signature]

PRINT NAME M. Hinkie 1082

TYPE II PERMIT NUMBER/EXPIRATION DATE  
210271 11/20/23

TELEPHONE NUMBER  
417-623-3131 x1432

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
2875 James Boulevard  
Poplar Bluff, MO 63901

AS IV Serial no: 111334  
Version no: 532B

TEST RECORD 00473

Temp Date Time <sup>s/</sup> 218L

Air Blank:  
05/12/23 14:43 .000  
Calibration Check:  
31 05/12/23 14:43 .181

Subject Name  
Test 3

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111334  
Version no: 532B

TEST RECORD 00471

Temp Date Time <sup>s/</sup> 218L

Air Blank:  
05/12/23 14:43 .000  
Calibration Check:  
31 05/12/23 14:43 .189

Subject Name  
Test 1

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111334  
Version no: 532B

TEST RECORD 00474

Temp Date Time <sup>s/</sup> 218L

VT12 VPI  
12 05/12/23 14:48

Subject Name  
Test 4

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111334  
Version no: 532B

TEST RECORD 00472

Temp Date Time <sup>s/</sup> 218L

Air Blank:  
05/12/23 14:45 .000  
Calibration Check:  
31 05/12/23 14:45 .181

Subject Name  
Test 2

Subject I.D.

Operator Name, I.D.

Location



**Airgas USA LLC (LAB)**  
 3500 Bernard Street  
 St. Louis, Mo. 63103  
 Ph: (314) 533-3100  
 Fax: (314) 533-7328

## Certificate of Analysis

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

**Test Date:** 1-Dec-2021

**Lot #** AG133404 **Model** 55

<b>Exp Date</b>	<b>Cyl. Type</b>	<b>Component</b>	<b>Certified Concentration</b>
30-Nov-2023	55	Ethanol Nitrogen	0.100 ± 2% BrAC (272 ppm)

**Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:**

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

  

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

**Analytical Method:** NDIR

Digitally signed by: Quality Control  
 Reason: Dry gas standard certification of analysis  
 Location: Airgas USA LLC (Lab)  
 Date: 12.01.2021 20:11

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

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**PERMIT**  
**TYPE II**  
**HAYDEN HINKLE**

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, INTOXILYZER 8000**

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 11/26/2021

NUMBER 210271

EXPIRES 11/26/2023

*Laura A. Way*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Donald A. Korman*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)

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

**INSTRUMENT OPERATOR CARD**

*The named cardholder 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 HINKLE, HAYDEN  
 Permit No 210271  
 Date Issued 11/26/2021 Date Expires 11/26/2023

