



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 <b>002005</b>	NAME OF AGENCY <b>Kansas City MO PD</b>	DATE OF INSPECTION <b>09/18/2022</b>
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LOCATION OF INSTRUMENT (STREET AND CITY) <b>9701 Marion Park Drive, Kansas City MO 64137</b>	TIME OF INSPECTION <b>0022</b>
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**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 # AG132803 EXP. DATE 11/24/2023

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 <b>.077</b>	TEST 2 <b>.078</b>	TEST 3 <b>.077</b>
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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 <b>2</b>	(0-.04) <b>0</b>	(.05-.09) <b>0</b>	(.10-.14) <b>3</b>	(.15-.19) <b>1</b>	(OVER .19) <b>3</b>
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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

PRINT NAME **Magers, Nathan #5243**

TYPE II PERMIT NUMBER/EXPIRATION DATE **210105 05/18/2023**

TELEPHONE NUMBER **( ) 816-482-8220**

**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: 002005  
Version no: 532B

TEST RECORD 00611

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

Air Blank:  
09/18/22 00:22 .000  
Calibration Check:  
29 09/18/22 00:22 .077

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Mages 5247

Location

AS IV Serial no: 002005  
Version no: 532B

TEST RECORD 00613

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

Air Blank:  
09/18/22 00:26 .000  
Calibration Check:  
29 09/18/22 00:26 .077

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Mages 5247

Location

AS IV Serial no: 002005  
Version no: 532B

TEST RECORD 00612

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

Air Blank:  
09/18/22 00:24 .000  
Calibration Check:  
29 09/18/22 00:24 .078

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Mages 5247

Location

AS IV Serial no: 002005  
Version no: 532B

TEST RECORD 00614

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

VOID: RFI  
12 09/18/22 00:28

Subject Name

Test 4

Subject I.D.

Operator Name, I.D.

Mages 5243

Location

# Airgas

## Certificate of Analysis

Airgas USA LLC (LAB)  
3900 Bernard Street  
St. Louis, Mo. 63109  
P/c: (314) 553-3100  
F/c: (314) 553-7328

Test Date: 29-Nov-2021

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

Lot # AC132803

Model 108

Exp Date  
24-Nov-2023

Cyl. Type  
108

Component  
Ethanol  
Nitrogen

Certified Concentration  
0.082 ± 0.002 BRAC (Z23 ppm)

Certification Traceable to NLS.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	EB0010582	104.2 ppm
EB0010581	52.12 ppm	EB0010579	52.81 ppm

  

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC234503	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056652	150.2 ppm

Analytical Method: NDIR

Resistor Output (Quantity) Control  
Resistor CV per unit and acquisition of analysis  
Date: 11/20/2021 13:42

Approved for Release:

*Rod Marsala*  
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  
**NATHAN MAGER**

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 5/18/2021  
NUMBER 210105  
EXPIRES 5/18/2023  
MO 2900771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY  
*[Signature]*  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES  
LAB-4 (RS-10)

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

**INSTRUMENT OPERATOR CARD**

The named certificate holder authorizes the operator to operate an approved breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.

Operator: **MAGER, NATHAN**  
Permit No: **210105**  
Date Issued: **5/18/2021** Data Expires: **5/18/2023**