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By Tracy Crews at 1:33 pm, Nov 07, 2022



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 **111780** NAME OF AGENCY **Kansas City MO PD** DATE OF INSPECTION **10/23/2022**

LOCATION OF INSTRUMENT (STREET AND CITY)  
**9701 Marion Park Drive, Kansas City MO 64137** TIME OF INSPECTION **1454**

**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 **.079** TEST 2 **.079** TEST 3 **.079**

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 **6** (0-.04) **2** (.05-.09) **1** (.10-.14) **2** (.15-.19) **5** (OVER .19) **0**

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 **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: 111780  
Version no: 532B

TEST RECORD 00696

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

Air Blank:  
10/23/22 14:54 .000  
Calibration Check:  
27 10/23/22 14:54 .079

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Maged S22

Location

AS IV Serial no: 111780  
Version no: 532B

TEST RECORD 00698

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

Air Blank:  
10/23/22 14:58 .000  
Calibration Check:  
28 10/23/22 14:58 .079

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Maged S22

Location

AS IV Serial no: 111780  
Version no: 532B

TEST RECORD 00697

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

Air Blank:  
10/23/22 14:56 .000  
Calibration Check:  
28 10/23/22 14:56 .079

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

RU Maged S22

Location

AS IV Serial no: 111780  
Version no: 532B

TEST RECORD 00699

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

VOID: RFI  
12 10/23/22 14:59

Subject Name

Test 4

Subject I.D.

Operator Name, I.D.

Maged S22

Location

# Airgas

## Certificate of Analysis

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

Airgas USA LLC (LAB)  
3500 Bernard Street  
St. Louis, Mo. 63103  
Ph: (314) 593-5100  
Fax: (314) 593-7528

Test Date: 29-Nov-2021

Lot # AG132803 Model 108

Exp Date 24-Nov-2023  
Cyl. Type 108  
Component Ethanol  
Certified Concentration 0.082 ± 0.002 BAC (223 ppm)  
Nitrogen

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

Printed upon Quality Control  
Hardware and software certification of analysis  
Date: 11/29/2021 12:42

Approved for Release:

*Rod Marsala*  
Rod Marsala

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



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



## PERMIT TYPE II NATHAN MAGERS

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  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES  
MO 988-0771 (08-10) LAD-1 (Rev-10)

STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
IDENTITY ACCOUNT PROGRAM  
INSTRUMENT OPERATOR CARD

The allowed operator is authorized to operate an identified single account instrument for the determination of the ethanol content in breath from a person.

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