



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 08/13/2022
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LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive, Kansas City MO 64137	TIME OF INSPECTION 1920
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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 ➡ .078	TEST 2 ➡ .079	TEST 3 ➡ .079
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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 5	(0-.04) 1	(.05-.09) 2	(.10-.14) 1	(.15-.19) 3	(OVER .19) 1
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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 *Nathan Magers*

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 00666

Temp Date Time ^{a/} 210L

Air Blank:
08/13/22 19:05 .000
Calibration Check:
23 08/13/22 19:05 .078

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Mages SM

Location

AS IV Serial no: 111780
Version no: 532B

TEST RECORD 00667

Temp Date Time ^{a/} 210L

Air Blank:
08/13/22 19:06 .000
Calibration Check:
23 08/13/22 19:06 .079

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Mages SM

Location

AS IV Serial no: 111780
Version no: 532B

TEST RECORD 00668

Temp Date Time ^{a/} 210L

Air Blank:
08/13/22 19:08 .000
Calibration Check:
24 08/13/22 19:08 .079

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Mages SM

Location

AS IV Serial no: 111780
Version no: 532B

TEST RECORD 00669

Temp Date Time ^{a/} 210L

VOID: RFI
12 08/13/22 19:10

Subject Name

Test 4

Subject I.D.

Operator Name, I.D.

Mages SM

Location

Airgas

Certificate of Analysis

Test Date: 29-Nov-2021

Airgas USA LLC (LAB)
5300 Bernard Street
St. Louis, MO 63110
Ph: (314) 593-8700
Fax: (314) 593-7329

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

Lot # AG132803

Model 108

Exp Date
24-Nov-2023

Cyl. Type
108

Component
Ethanol
Nitrogen

Certified Concentration
0.082 ± 0.002 BFAC (223 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
EB0010581	109.6 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	0056652	150.2 ppm

Analytical Method: NDIR

ISO 17025:2017 A2LA Accredited
Certificate Number 3082.06
ISO 17034:2016 A2LA Accredited
Certificate Number 3082.07

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

PERMIT
TYPE III

NATHAN MAGERS

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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 98-9771 (6-19)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
[Signature]
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
Lad-98-98

STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM
INSTRUMENT OPERATOR CARD

The named operator is authorized to operate an Intoximeter 8000 Alcolyzer
instrument for the determination of the alcoholic content of expired air.

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