



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 002005	NAME OF AGENCY Kansas City MO PD	DATE OF INSPECTION 10/23/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive, Kansas City MO 64137		TIME OF INSPECTION 1654

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 # AG010103 EXP. DATE 04/10/2022

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	.081	TEST 2	.079	TEST 3	.078
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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	(0-.04)	0	(.05-.09)	2	(.10-.14)	0	(.15-.19)	2	(OVER .19)	0
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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
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TYPE II PERMIT NUMBER/EXPIRATION DATE 210105 05/18/2023	TELEPHONE NUMBER () 816-482-8220
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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 00508

Temp Date Time ^{a/} 210L

Air Blank:
10/23/21 16:54 .000
Calibration Check:
23 10/23/21 16:54 .081

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Mages SVT

Location

AS IV Serial no: 002005
Version no: 532B

TEST RECORD 00510

Temp Date Time ^{a/} 210L

Air Blank:
10/23/21 16:58 .000
Calibration Check:
24 10/23/21 16:58 .078

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Mages SVT

Location

AS IV Serial no: 002005
Version no: 532B

TEST RECORD 00509

Temp Date Time ^{a/} 210L

Air Blank:
10/23/21 16:56 .000
Calibration Check:
23 10/23/21 16:56 .079

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Mages SVT

Location

AS IV Serial no: 002005
Version no: 532B

TEST RECORD 00511

Temp Date Time ^{a/} 210L

VOID: RFI
12 10/23/21 17:00

Subject Name

Test 4

Subject I.D.

Operator Name, I.D.

Mages SVT

Location



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 services and repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV WITH PRINTER, INTOXLYZER 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 308.111 through 308.119 RSMo.

DATE 5/18/2021
 NUMBER 210105
 EXPIRES 5/18/2023
 MO 06-0371 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
 LAD-669-01

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

The named candidate is authorized to operate an approved breath alcohol analyzer for the determination of the alcoholic content in human form of analytes as per Missouri Statute 577.020.

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

Customer Name
Exclusive Supplier
Inoximeters, Inc.
2081 Craig Road
St. Louis, Mo 63148



Certificate of Analysis

Test Date: 13-Apr-2020

Lot # AG010103 Model 108ccad

Exp. Date
10-Apr-2022

Cyl. Type
108

Component
Ethanol
Nitrogen

Certified Concentration
0.082 ± 0.002 BRAC (223 ppm)
Balance

Certification Traceable to NLS.T.RGM and to CRM Ethanol Standards:

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010561	392.1 ppm	EB0010663	383.0 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

Quality Control by Quality Control
 Personnel. Only certified certification of analysis.
 Location: Airgas USA LLC (Lab)

Approved for Release: Rod Marsale
 Rod Marsale

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