



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
 STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
 By Tracy Crews at 8:22 am, Jun 23, 2023

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 111776	NAME OF AGENCY Kansas City MO PD	DATE OF INSPECTION 06/10/2023
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LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive, Kansas City MO 64137	TIME OF INSPECTION 2016
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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 ➡ .078	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) 0	(.10-.14) 0	(.15-.19) 0	(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
TYPE II PERMIT NUMBER EXPIRATION DATE 230084 05/09/2025	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: 111776
Version no: 532B

TEST RECORD 00354

Temp	Date	Time	g/ 210L
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Air Blank:
06/10/23 20:16 .000
Calibration Check:
26 06/10/23 20:16 .078

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Maged SM

Location

AS IV Serial no: 111776
Version no: 532B

TEST RECORD 00355

Temp	Date	Time	g/ 210L
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Air Blank:
06/10/23 20:18 .000
Calibration Check:
27 06/10/23 20:18 .078

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Maged SM

Location

AS IV Serial no: 111776
Version no: 532B

TEST RECORD 00356

Temp	Date	Time	g/ 210L
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Air Blank:
06/10/23 20:19 .000
Calibration Check:
27 06/10/23 20:19 .078

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Maged SM

Location

AS IV Serial no: 111776
Version no: 532B

TEST RECORD 00357

Temp	Date	Time	g/ 210L
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VOID: RFI
12 06/10/23 20:20

Subject Name

Test 4

Subject I.D.

Operator Name, I.D.

Maged SM

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: 29-Nov-2021

Lot # AG132803 Model 108

Exp Date	Cyl. Type	Component	Certified Concentration
24-Nov-2023	108	Ethanol	0.082 ± 0.002 BrAC (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	383.0 ppm
EB0010570	259.3 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
CC234503	800.0 ppm	0056649	300.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

Analytical Method: NDIR

Exclusively for Quality Control
Intoximeters, Inc. (LAB)
2081 Craig Road
St. Louis, Mo 63146

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 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 5/9/2023
NUMBER 2310184
EXPIRES 5/9/2025
MO 366-0771 (6-19)

Mike Mason
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paul J. Redden
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

1.074 (PB-0)

