



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 05/07/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive, Kansas City MO 64137		TIME OF INSPECTION 2011

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

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u>	LOT # <u>AG010103</u> EXP. DATE <u>04/10/2022</u>
<input type="checkbox"/> 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 ← .081
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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 3	(0-.04) 1	(.05-.09) 0	(.10-.14) 2	(.15-.19) 7	(OVER .19) 3
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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 ▶ <i>Nathan Magers</i> 5243	PRINT NAME Magers, Nathan #5243
TYPE II PERMIT NUMBER/EXPIRATION DATE 290118 05/29/2021	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: 537B

TEST RECORD 00451

Temp Date Time 210L

Air Blank:
05/07/21 20:11 .000
Calibration Check:
22 05/07/21 20:11 .081

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Mages S243

Location

AS IV Serial no: 002005
Version no: 537B

TEST RECORD 00452

Temp Date Time 210L

Air Blank:
05/07/21 20:14 .000
Calibration Check:
23 05/07/21 20:14 .079

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Mages S243

Location

AS IV Serial no: 002005
Version no: 537B

TEST RECORD 00453

Temp Date Time 210L

Air Blank:
05/07/21 20:16 .000
Calibration Check:
24 05/07/21 20:16 .081

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Mages S243

Location

AS IV Serial no: 002005
Version no: 537B

TEST RECORD 00454

Temp Date Time 210L

Air Blank:
05/07/21 20:18 .000

Subject Name

Test 4

Subject I.D.

Operator Name, I.D.

Mages S243

Location



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

PERMIT
TYPE II

NATHAN I MAGERS



AIRGAS

Airgas USA LLC (LAB)
3600 Bernard Street
St. Louis, Mo. 63103
Ph: (314) 533-3100
Fax: (314) 533-7328

Certificate of Analysis

Test Date: 13-Apr-2020

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

Lot # AG010103 Model 108caac

Exp. Date
10-Apr-2022

Shl. Type
108

Component
Ethanol
Nitrogen

Certified Concentration
0.092 ± 0.002 EtAc (223 ppm)
Balance

Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010584	392.1 ppm	EB00710603	383.0 ppm
EB0010570	259.8 ppm	EB00710559	258.2 ppm
EB0010285	208.0 ppm	EB00710595	208.3 ppm
EB0010561	103.6 ppm	EB0010582	104.2 ppm
EB0010681	52.12 ppm	EB00710579	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

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

This instrument is authorized to operate an evidentiary breathalyzer instrument for the determination of the alcohol content of breath from an operator of a motor vehicle in Missouri.

Operator: **MAGERS, NATHAN**
Operator No: **280718**
Date Issued: **5/29/2019**
Date Expires: **5/29/2021**

Digitally signed by Rod Marsala
Date: 2020.04.13 13:17:01 -0500
Reason: I am the authorized signatory of analysis
Location: Airgas USA LLC (Lab)

Approved for Release: Rod Marsala
Rod Marsala

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