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By Tracy Crews at 10:05 am, Jan 13, 2023



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 **12/30/2022**

LOCATION OF INSTRUMENT (STREET AND CITY) **9701 Marion Park Drive, Kansas City MO 64137** TIME OF INSPECTION **0050**

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 **.083** TEST 2 **.081** TEST 3 **.080**

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 1 (0-.04) **0** (.05-.09) **2** (.10-.14) **0** (.15-.19) **1** (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: 002005
Version no: 532B

TEST RECORD 00647

Temp Date Time ^{s/} 210L

Air Blank:
12/30/22 00:50 .000
Calibration Check:
20 12/30/22 00:50 .083

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Magers SM

Location

AS IV Serial no: 002005
Version no: 532B

TEST RECORD 00648

Temp Date Time ^{s/} 210L

Air Blank:
12/30/22 00:52 .000
Calibration Check:
21 12/30/22 00:52 .081

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Magers SM

Location

AS IV Serial no: 002005
Version no: 532B

TEST RECORD 00649

Temp Date Time ^{s/} 210L

Air Blank:
12/30/22 00:54 .000
Calibration Check:
22 12/30/22 00:54 .080

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Magers SM

Location

AS IV Serial no: 002005
Version no: 532B

TEST RECORD 00650

Temp Date Time ^{s/} 210L

VOID: RFI
12 12/30/22 00:56

Subject Name

Test 4

Subject I.D.

Operator Name, I.D.

Magers SM

Location



Certificate of Analysis

Test Date: 29-Nov-2021

Airgas USALLC (LAB)
3500 Bernard Street
St. Louis, Mo, 63103
Ph: (314) 533-3100
Fax: (314) 533-7328

Customer Name
Exclusive Supplier
Intoximeters, 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 BrAC (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	EB0010503	393.0 ppm
EB0010570	259.8 ppm	EB0010569	298.2 ppm
EB0010285	208.0 ppm	EB0010592	208.3 ppm
EB0010561	103.6 ppm	EB0010582	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC234503	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

Analytical Method: NDIR

PerkinElmer Accredited, ISO 17025
Permitted for the instrument certification of analysis
Permitted for the instrument certification of analysis
Permitted for the instrument certification of analysis

Approved for Release:

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



NATHAN MAGERS

PERMIT
TYPE II

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 308.111 through 308.119 RSMo.

DATE 5/18/2021

NUMBER 210105

EXPIRES 5/18/2023

MO 596-071 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (9-18)

STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
INSTRUMENT OPERATOR CARD

This instrument operator is authorized to operate an instrument which is used in the determination of the alcoholic content of blood from a sample of expired air. This authorization is subject to the provisions of the applicable sections of the Revised Statutes of Missouri.

Operator: **MAGERS, NATHAN**
Date Issued: **5/18/2021**