



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Tracy Crews at 11:00 am, Feb 25, 2020

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	PRINTER SN 096.3580.878	DATE OF INSPECTION 02/07/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive, Kansas City MO 64137	TIME OF INSPECTION 7:30 pm
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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 # AG905605 EXP. DATE 02/25/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) SIMULATOR SN SIMULATOR 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 .080

TEST 3 .082

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) 3 (OVER .19) 1

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 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
2875 James Boulevard
Poplar Bluff, MO 63901

AS IV Serial no: 882885
Version no: 5328

TEST RECORD 88288

Temp Date Time 210L

Air Blank:
02/07/20 19:17 .000
Calibration Check:
26 02/07/20 19:17 .001

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Mages S24

Location

AS IV Serial no: 882885
Version no: 5328

TEST RECORD 88281

Temp Date Time 210L

Air Blank:
02/07/20 19:19 .000
Calibration Check:
26 02/07/20 19:19 .000

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Mages S24

Location

AS IV Serial no: 882885
Version no: 5328

TEST RECORD 88282

Temp Date Time 210L

Air Blank:
02/07/20 19:21 .000
Calibration Check:
26 02/07/20 19:21 .002

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Mages S24

Location

AS IV Serial no: 882885
Version no: 5328

TEST RECORD 88283

Temp Date Time 210L

WQTB: SPI
12 02/07/20 19:23

Subject Name

Test 4

Subject I.D.

Operator Name, I.D.

Mages S213

Location



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

PERMIT
TYPE II

NATHAN I MAGERS



AIRgas

Airgas USA LLC (LAE)
3500 Bernard Street
St. Louis, Mo. 63103
Ph: (314) 533-3700
Fax: (314) 533-7328

Certificate of Analysis

Test Date: 26-Feb-2019

Customer Name
Exclusive Supplier
Intoximeters, Inc.
2091 Craig Road
St. Louis, Mo 63146

Lot # AG905605 Model 108cacc

Exp. Date
25-Feb-2021

Cyl. Type
108

Component
Ethanol
Nitrogen
Certified Concentration
0.082 ± 0.002 BY-AC (228 ppm)
Balance

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 5/29/2010

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 290118

EXPIRES 5/29/2021

MO 590-0771 (8-10)

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
LAR 4 (R8-10)

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	EB0010589	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
CC434688	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

The permit holder/operator is authorized to operate an alcohol breath analyzer in Missouri. This authorization is for the specific instrument and operator listed on this card. It is not valid for any other instrument or operator.

Operator: **MAGERS, NATHAN**
Permit No: **290118**
Date Issued: **5/29/2010**
Date Expires: **5/29/2021**

Digitally signed by Rod Marsala
Date: 2019.02.26 14:57:45 -0600
Reason: My gas instrument certification of analysis
Location: Airgas USA LLC (LAE)

Approved for Release:

Rod Marsala

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