



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

RECEIVED
 By Tracy Crews at 9:24 am, Mar 01, 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 **002005** NAME OF AGENCY **Kansas City MO PD** DATE OF INSPECTION **02/18/2023**

LOCATION OF INSTRUMENT (STREET AND CITY) **9701 Marion Park Drive, Kansas City MO 64137** TIME OF INSPECTION **2200**

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 **.081** TEST 2 **.080** TEST 3 **.079**

- 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 **8** (0-.04) **0** (.05-.09) **0** (.10-.14) **2** (.15-.19) **4** (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 **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 00667

Temp Date Time ^{s/} 210L

Air Blank:
02/18/23 21:53 .000
Calibration Check:
21 02/18/23 21:53 .001

Subject Name

Test 1
Subject I.D.

Operator Name, I.D.

Mages S24
Location

AS IV Serial no: 002005
Version no: 532B

TEST RECORD 00668

Temp Date Time ^{s/} 210L

Air Blank:
02/18/23 21:56 .000
Calibration Check:
21 02/18/23 21:56 .000

Subject Name

Test 2
Subject I.D.

Operator Name, I.D.

Mages S25
Location

AS IV Serial no: 002005
Version no: 532B

TEST RECORD 00669

Temp Date Time ^{s/} 210L

Air Blank:
02/18/23 21:58 .000
Calibration Check:
22 02/18/23 21:58 .079

Subject Name

Test 3
Subject I.D.

Operator Name, I.D.

Mages S23
Location

AS IV Serial no: 002005
Version no: 532B

TEST RECORD 00670

Temp Date Time ^{s/} 210L

VOID: RFI
12 02/18/23 22:00

Subject Name

Test 4
Subject I.D.

Operator Name, I.D.

Mages S25
Location

AIRGAS

Certificate of Analysis

Customer Name
Exclusive Supplier
Intoximeters, Inc.
2081 Craig Road
St Louis, Mo 63146

Airgas USA LLC (LAB)
2900 Bernard Center
St Louis, MO 63103
Ph: (314) 533-3100
Fax: (314) 533-7325

Test Date: 29-Nov-2021

Lot # AG132803 Model 108

Exp Date 24-Nov-2023 Cyl Type 108 Component Ethanol Nitrogen

Certified Concentration 0.082 ± 0.002 BAC (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	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010599	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010581	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	0059602	150.2 ppm

Analytical Method: NDIR

Digitally signed by Nathan Magers
DN: cn=Nathan Magers, o=Airgas USA LLC (LAB),
email=nmagers@airgas.com

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 III

ALCO-SENSOR IV WITH PRINTER, INTOXLYZER 8000

Is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

DATE 5/18/2021

NUMBER 210105

EXPIRES 5/18/2023

MO 880-071 (6-16)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

Us-4 (pre-10)

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

The instrument operator is authorized to operate an Intoximeter 8000 (Intoximeter) for the determination of the alcoholic content of breath, from the expiration of the operator.

Operator: MAGERS, NATHAN
Permit No. 210105
Date Issued 6/18/2021 Date Expires 5/18/2023