



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Tracy Crews at 1:29 pm, Nov 07, 2022

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 10/22/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive, Kansas City MO 64137		TIME OF INSPECTION 0216

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 ← .079	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 4	(0-.04) 1	(.05-.09) 3	(.10-.14) 2	(.15-.19) 1	(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 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 00627

Temp Date Time ^{s/} 210L

Air Blank:
10/22/22 02:16 .000
Calibration Check:
22 10/22/22 02:16 .079

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Maged 5243

Location

AS IV Serial no: 002005
Version no: 532B

TEST RECORD 00628

Temp Date Time ^{s/} 210L

Air Blank:
10/22/22 02:18 .000
Calibration Check:
23 10/22/22 02:18 .078

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Maged 5243

Location

AS IV Serial no: 002005
Version no: 532B

TEST RECORD 00629

Temp Date Time ^{s/} 210L

Air Blank:
10/22/22 02:20 .000
Calibration Check:
24 10/22/22 02:20 .078

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Maged 5243

Location

AS IV Serial no: 002005
Version no: 532B

TEST RECORD 00630

Temp Date Time ^{s/} 210L

VOID: RFI
12 10/22/22 02:22

Subject Name

Test 4

Subject I.D.

Operator Name, I.D.

Maged 5243

Location



Certificate of Analysis

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

Test Date: 29-Nov-2021

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 BxAc (Z23 ppm)

Certification Traceable to NLS-1, RGM and to CRM Ethanol Standards:

Table with 4 columns: RGM Serial No., Concentration, CRM Serial No., Concentration. Lists various RGM and CRM serial numbers and their corresponding concentrations in ppm.

Analytical Method: NDIR

Quality Control by Daily Control
Customer: Airgas USA LLC (LAB)
Contract: 1302211924

Approved for Release: [Signature] 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, INTOXLYZER 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 5/18/2021
NUMBER 210105
EXPIRES 5/18/2023
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

STATE OF MISSOURI BREATH ALCOHOL PROGRAM
INSTRUMENT OPERATOR CARD
Operator: MAGERS, NATHAN
Date Issued: 5/18/2021