



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 111776	NAME OF AGENCY Kansas City Police Department	DATE OF INSPECTION 09/24/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 MARION PARK DR, KANSAS CITY		TIME OF INSPECTION 1132

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 # AG417401 EXP. DATE 06-22-2026
- 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	.097	TEST 2	.097	TEST 3	.097
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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	(0-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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).

Instrument meets all DOHSS standards and guidelines.

INSPECTING OFFICER	
SIGNATURE	PRINT NAME Frank DeMarco
TYPE II PERMIT NUMBER/EXPIRATION DATE 240076 04-02-2026	TELEPHONE NUMBER () 816-766-5068

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: 111776
Version no: 532B

TEST RECORD 00555

Temp Date Time ^{g/} 210L

Air Blank:
09/24/24 11:27 .000
Calibration Check:
24 09/24/24 11:27 .097

Subject Name
Test 1
Subject I.D.

Operator Name, I.D.
DeMarco
Location
240076

AS IV Serial no: 111776
Version no: 532B

TEST RECORD 00556

Temp Date Time ^{g/} 210L

Air Blank:
09/24/24 11:35 .000
Calibration Check:
25 09/24/24 11:35 .097

Subject Name
Test 2
Subject I.D.

Operator Name, I.D.
DeMarco
Location
240076

AS IV Serial no: 111776
Version no: 532B

TEST RECORD 00557

Temp Date Time ^{g/} 210L

Air Blank:
09/24/24 11:36 .000
Calibration Check:
25 09/24/24 11:36 .097

Subject Name
Test 3
Subject I.D.

Operator Name, I.D.
DeMarco
Location
240076

AS IV Serial no: 111776
Version no: 532B

TEST RECORD 00558

Temp Date Time ^{g/} 210L

VOID: RFI
12 09/24/24 11:38

Subject Name
RFI
Subject I.D.

Operator Name, I.D.
DeMarco
Location
240076



Airgas USA LLC (LAB)
 350 Demand Street
 St. Louis, MO 63103
 Ph: (314) 833-3100
 Fax: (314) 833-7328

Certificate of Analysis

Test Date: 24-Apr-2023

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

Lot # AG311004 Model 108

Exp Date 20-Apr-2025
 Cyl Type 108
 Component Ethanol
 Nitrogen
 Certified Concentration 0.100 ± 2% BAC (272 ppm)

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

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010591	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010562	104.2 ppm
EB0010581	103.7 ppm	EB0010579	52.94 ppm
EB0010681	52.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	800.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by Rod Marsala
 DN: cn=Rod Marsala, o=Intoximeters, ou=USA, email=rod.marsala@intox.com, c=US

Approved for Release: Rod Marsala
 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

FRANK DEMARCO

**PERMIT
 TYPE II**

ALCO-SENSOR IV WITH PRINTER, INTOXILYZER 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):

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 4/22/2024
 NUMBER 240076
 EXPIRES 4/2/2026
 M. De Marco
 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
 LAB-4 (REV 10)

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

The named individual is authorized to operate an ethanol breathalyzer in Missouri.
 This permit is for the determination of the alcoholic content in breath from a sample of expired air.

Operator: DEMARCO, FRANK
 Permit No: 240076
 Date Issued: 4/22/24
 Date Expires: 4/2/2026