



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

**RECEIVED**  
 By Tracy Crews at 8:48 am, Aug 09, 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 111780	NAME OF AGENCY KANSAS CITY MISSOURI POLICE DEPT	DATE OF INSPECTION 08/05/2023
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LOCATION OF INSTRUMENT (STREET AND CITY) 9701 MARION PARK DRIVE, KANSAS CITY, MO 64137	TIME OF INSPECTION 9:21 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 # 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  .079	TEST 3  .079
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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	2	(0-.04)	3	(.05-.09)	1	(.10-.14)	2	(.15-.19)	1	(OVER .19)	1
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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 DHSS STANDARDS AND GUIDELINES.

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME P.O. MATTHEW FRANCOIS #5844
TYPE II PERMIT NUMBER/EXPIRATION DATE 220275-12/21/2024	TELEPHONE NUMBER (816) 482-8143

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: 111780  
Version no: 532B

TEST RECORD 00863

Temp	Date	Time	s/ 210L
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Air Blank:  
08/05/23 21:21 .000  
Calibration Check:  
34 08/05/23 21:21 .079

Subject Name

TEST

Subject I.D.

1

Operator Name, I.D.

FRANCOIS 220275

Location

9701 MARION PARK DR

AS IV Serial no: 111780  
Version no: 532B

TEST RECORD 00864

Temp	Date	Time	s/ 210L
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Air Blank:  
08/05/23 21:22 .000  
Calibration Check:  
33 08/05/23 21:22 .079

Subject Name

TEST

Subject I.D.

2

Operator Name, I.D.

FRANCOIS 220275

Location

9701 MARION PARK DR

AS IV Serial no: 111780  
Version no: 532B

TEST RECORD 00865

Temp	Date	Time	s/ 210L
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Air Blank:  
08/05/23 21:24 .000  
Calibration Check:  
33 08/05/23 21:24 .079

Subject Name

TEST

Subject I.D.

3

Operator Name, I.D.

FRANCOIS 220275

Location

9701 MARION PARK DR

AS IV Serial no: 111780  
Version no: 532B

TEST RECORD 00866

Temp	Date	Time	s/ 210L
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VOID: RFI  
12 08/05/23 21:26

Subject Name

TEST

Subject I.D.

4

Operator Name, I.D.

FRANCOIS 220275

Location

9701 MARION PARK DR



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

2

PERMIT  
TYPE II

MATTHEW FRANCOIS

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 12/21/2022 Michelle M. Maguire

NUMBER 220275 Director of State Public Health Laboratory

EXPIRES 12/21/2024 David I. Nicholas

MD 500-0771 (6-19) DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES  
LOH-106-10

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

The named operator's authorized to operate an evidentiary breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.

Operator: **FRANCOIS, MATTHEW**  
Date Issued: **12/21/2022** Date Expires: **12/21/2024**



Airgas USA LLC (LAB)  
3500 Bernard Street  
St. Louis, Mo. 63103  
Ph: (314) 633-3100  
Fax: (314) 533-7328

Certificate of Analysis

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

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 BrAC (223 ppm)

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

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0070561	392.1 ppm	EB0070603	393.0 ppm
EB0070570	259.8 ppm	EB0070559	258.5 ppm
EB0070285	208.0 ppm	EB0070595	208.3 ppm
EB0070591	103.6 ppm	EB0070562	104.2 ppm
EB0070661	52.12 ppm	EB0070579	52.61 ppm
CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC434668	800.0 ppm	0056649	390.1 ppm
CC234603	253.0 ppm	0056662	150.2 ppm

Analytical Method: NDIR

Results Subject to Quality Control  
Recommendatory gas standard certification of analysis  
Date: 11/29/2021 12:42

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