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By Tracy Crews at 9:32 am, Dec 08, 2023



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 **119725** NAME OF AGENCY **Kansas City Police Department** DATE OF INSPECTION **11/27/2023**

LOCATION OF INSTRUMENT (STREET AND CITY) **9701 MARION PARK DR, KANSAS CITY** TIME OF INSPECTION **2151 hours**

**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 # **AG324501** EXP. DATE **09/02/2025**

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 **0.080** TEST 2 **0.080** TEST 3 **0.080**

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 **9** (0-.04) **0** (.05-.09) **0** (.10-.14) **2** (.15-.19) **4** (OVER .19) **6**

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 **Douglas Davidson**

TYPE II PERMIT NUMBER/EXPIRATION DATE **230065 04/06/2025**

TELEPHONE NUMBER **( ) 816-234-5000**

**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: 119725  
Version no: 532C

TEST RECORD 00050

Temp Date Time 21OL

Air Blank:  
11/27/23 22:13 .000  
Calibration Check:  
25 11/27/23 22:13 .080

Subject Name  
Test # 1  
Subject I.D.

Operator Name, I.D.

Location

330065 04/06/2025

AS IV Serial no: 119725  
Version no: 532C

TEST RECORD 00051

Temp Date Time 21OL

Air Blank:  
11/27/23 22:14 .000  
Calibration Check:  
26 11/27/23 22:14 .080

Subject Name  
Test # 2  
Subject I.D.

Operator Name, I.D.

Location

330065 04/06/2025

AS IV Serial no: 119725  
Version no: 532C

TEST RECORD 00052

Temp Date Time 21OL

Air Blank:  
11/27/23 22:17 .000  
Calibration Check:  
27 11/27/23 22:17 .080

Subject Name  
Test # 3  
Subject I.D.

Operator Name, I.D.

Location

330065 04/06/2025

AS IV Serial no: 119725  
Version no: 532C

TEST RECORD 00053

Temp Date Time 21OL

VOID: RFI  
12 11/27/23 22:18

Subject Name  
RFI Test  
Subject I.D.

Operator Name, I.D.

Location

330065 04/06/2025



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

**Certificate of Analysis**

Test Date: 5-Sep-2023

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

Lot # AG324501 Model 108

Exp Date 2-Sep-2025 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	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010589	258.9 ppm
EB0010285	209.0 ppm	EB0010562	104.2 ppm
EB0010561	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

Publicly issued, including certain  
 regulatory and laboratory certification of analysis  
 records of this type (LAW)

Approved for Release:

*Yusef Woods*  
 Yusef Woods

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  
**DOUGLAS D. DAVIDSON**

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 4/6/2023 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY  
 NUMBER 230065  
 EXPIRES 4/6/2025 *David J. Davidson*  
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 MO-99-0771 (6-10) LAB-895-10

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

**INSTRUMENT OPERATOR CARD**

This instrument certificate is subject to the provisions of the Missouri Revised Statutes, Chapter 208, Section 208.020. The expiration date of this certificate is shown in the bottom right corner of the card.

Operator: DAVIDSON, DOUGLAS  
 Permit No: 230065  
 Date Issued: 4/6/2023 Date Expires: 4/6/2025