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By Tracy Crews at 2:51 pm, Mar 29, 2024



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 **03/11/2024**

LOCATION OF INSTRUMENT (STREET AND CITY) **9701 MARION PARK DR, KANSAS CITY** TIME OF INSPECTION **1748 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 **0.079** TEST 3 **0.08y**

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

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 00104

Temp Date Time 210L

Air Blank:
03/11/24 17:50 .000
Calibration Check:
23 03/11/24 17:50 .086

Subject Name
Test #1
Subject I.D.

Operator Name, I.D.
Dawson 5616
Location
230065 04/06/2025

AS IV Serial no: 119725
Version no: 532C

TEST RECORD 00105

Temp Date Time 210L

Air Blank:
03/11/24 17:52 .000
Calibration Check:
24 03/11/24 17:52 .079

Subject Name
Test #2
Subject I.D.

Operator Name, I.D.
Dawson 5616
Location
230065 04/06/2025

AS IV Serial no: 119725
Version no: 532C

TEST RECORD 00106

Temp Date Time 210L

Air Blank:
03/11/24 17:54 .000
Calibration Check:
25 03/11/24 17:54 .078

Subject Name
Test #3
Subject I.D.

Operator Name, I.D.
Dawson 5616
Location
230065 04/06/2025

AS IV Serial no: 119725
Version no: 532C

TEST RECORD 00107

Temp Date Time 210L

VOID: RFI
12 03/11/24 18:00

Subject Name
RFI Test
Subject I.D.

Operator Name, I.D.
Dawson 5616
Location
230065 04/06/2025

Airgas

Airgas USA LLC (LAB)
3500 Bernard Street
St. Louis, Mo, 63103
Ph: (314) 533-3100
Fax: (314) 533-7928

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 BrAC (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	EB0010683	392.5 ppm
EB0010570	259.8 ppm	EB0010589	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

State of Missouri
Department of Health and Senior Services
Bureau of Alcohol, Tobacco and Firearms
Division of Laboratory Services
1000 N. 1st St.
Jefferson City, MO 64101

Approved for Release: _____

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

NUMBER 230065

EXPIRES 4/6/2025

MO 89-071 (9-18)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David J. Davidson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

Lab# pp-10

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

INSTRUMENT OPERATOR CARD

The certified operator is authorized to operate the instrument through which alcohol is measured for the determination of the alcoholic content of breath, urine or expired air.

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