



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 111637	NAME OF AGENCY Kansas City Police Department	DATE OF INSPECTION 08/18/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 MARION PARK DR, KANSAS CITY		TIME OF INSPECTION 1655 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 # 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 ←	0.080	TEST 2 ←	0.079	TEST 3 ←	0.079
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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	9	(0-.04)	0	(.05-.09)	3	(.10-.14)	2	(.15-.19)	2	(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 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: 111637
Version no: 532B

TEST RECORD 00234

Temp Date Time 210L

Air Blank:
08/18/23 17:32 .000
Calibration Check:
27 08/18/23 17:32 .000

Subject Name
Test # 1
Subject I.D.

Operator Name, I.D.
Davidson 5646
Location
230065 04/06/2025

AS IV Serial no: 111637
Version no: 532B

TEST RECORD 00235

Temp Date Time 210L

Air Blank:
08/18/23 17:33 .000
Calibration Check:
27 08/18/23 17:33 .079

Subject Name
Test # 2
Subject I.D.

Operator Name, I.D.
Davidson 5646
Location
230065 04/06/2025

AS IV Serial no: 111637
Version no: 532B

TEST RECORD 00236

Temp Date Time 210L

Air Blank:
08/18/23 17:35 .000
Subject Test: Man
28 08/18/23 17:35 .079

Subject Name
Test # 3
Subject I.D.

Operator Name, I.D.
Davidson 5646
Location
230065 04/06/2025

AS IV Serial no: 111637
Version no: 532B

TEST RECORD 00237

Temp Date Time 210L

VOID: RFI
12 08/18/23 17:36

Subject Name
RFI Test
Subject I.D.

Operator Name, I.D.
Davidson 5646
Location
230065 04/06/2025

Airgas

Airgas USA LLC (LAB)
3500 Bernard Street
St. Louis, Mo. 63103
Ph: (314) 333-3100
Fax: (314) 533-7328

Certificate of Analysis

Test Date: 29-Nov-2021

Customer Name
Exclusive Supplier
Intoximeters, Inc.
2081 Crady 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 g/mAC (223 ppm)

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

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010589	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.8 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056652	150.2 ppm

Analytical Method: NDIR

Optional upper readability range
Maximum of gas mixture concentration of analysis
Permit 170304.2016 (Lab)

Approved for Release:

Rod Marzala
Rod Marzala

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 308.111 through 308.119 RSMo.

DATE 4/6/2023
NUMBER 2310065
EXPIRES 4/6/2025
MO 99-9771 (8-19)

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DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Douglas D. Davidson
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
LAB 08-19

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

INSTRUMENT OPERATOR CARD

The alcohol concentration is measured in grams per 100 milliliters breath alcohol. The instrument is a breathalyzer of the Alcotest type. The instrument is used to determine the alcohol concentration in the breath of a subject. The instrument is used to determine the alcohol concentration in the breath of a subject. The instrument is used to determine the alcohol concentration in the breath of a subject.

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