



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 094804	NAME OF AGENCY Kansas City Police Department	DATE OF INSPECTION 05/12/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 MARION PARK DR, KANSAS CITY		TIME OF INSPECTION 1620 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

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>INTOXIMETERS</u>	LOT # <u>AG132803</u> EXP. DATE <u>11/24/2023</u>
<input type="checkbox"/> 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 ←	0.081	TEST 2 ←	0.081	TEST 3 ←	0.080
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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	1	(0-.04)	(.05-.09)	1	(.10-.14)	1	(.15-.19)	1	(OVER .19)	2
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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: 094804
Version no: 532B

TEST RECORD 01032

Temp Date Time ^{s/} 210L

Air Blank:
05/12/23 16:24 .000
Calibration Check:
21 05/12/23 16:24 .081

Subject Name

Test #1

Subject I.D.

Operator Name, I.D.

Dawson 5646

Location

230065 04/06/2025

AS IV Serial no: 094804
Version no: 532B

TEST RECORD 01033

Temp Date Time ^{s/} 210L

Air Blank:
05/12/23 16:26 .000
Calibration Check:
22 05/12/23 16:26 .081

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

Dawson 5646

Location

230065 04/06/2025

AS IV Serial no: 094804
Version no: 532B

TEST RECORD 01035

Temp Date Time ^{s/} 210L

Air Blank:
05/12/23 16:30 .000
Calibration Check:
25 05/12/23 16:30 .080

Subject Name

Test #3

Subject I.D.

Operator Name, I.D.

Dawson 5646

Location

230065 04/06/2025

AS IV Serial no: 094804
Version no: 532B

TEST RECORD 01036

Temp Date Time ^{s/} 210L

VOID: RFI
12 05/12/23 16:32

Subject Name

RFI test

Subject I.D.

Operator Name, I.D.

Dawson 5646

Location

230065 04/06/2025

Airgas

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

Certificate of Analysis

Test Date: 29-Nov-2021

Customer Name
Exclusive Supplier
Intoximeters, Inc.
2081 Craig 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 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	392.4 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC434688	800.0 ppm	0055649	390.1 ppm
CC234503	253.0 ppm	0055662	150.2 ppm

Analytical Method: NDIR



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 2310065
 EXPIRES 4/6/2025
 MO 389-0771 18-18

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 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Dave J. Peterson
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-06-42

Digitally signed by Rod Marsala
DN: cn=Rod Marsala, o=Airgas USA LLC (LAB),
email=rod.marsala@airgas.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
INSTRUMENT OPERATOR CARD

The owner/possessor of this instrument is authorized to operate and maintain this instrument for the determination of the alcoholic content of breath from an individual as provided in sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

Operator: **DAVIDSON, DOUGLAS**
 Permit No: **230865**
 Date Issued: **4/6/2023**
 Date Expires: **4/6/2025**