



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 097412	NAME OF AGENCY Kansas City Police Department	DATE OF INSPECTION 06/21/2022
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LOCATION OF INSTRUMENT (STREET AND CITY) 9701 MARION PARK DR, KANSAS CITY	TIME OF INSPECTION 0145 hours
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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 # 14020080A2 EXP. DATE 07/05/2022

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 ← 0.077	TEST 2 ← 0.078	TEST 3 ← 0.078
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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 11	(0-.04) 0	(.05-.09) 2	(.10-.14) 3	(.15-.19) 4	(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
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TYPE II PERMIT NUMBER EXPIRATION DATE 210058 04/06/2022	TELEPHONE NUMBER () 816-234-5000
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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: 097412
Version no: 532B

TEST RECORD 00639

Temp Date Time 210L

Air Blank:
06/21/22 01:49 .000
Calibration Check:
27 06/21/22 01:49 .077

Subject Name

Test # 1
Subject I.D.

Operator Name, I.D.

Davidson 5646
Location
210658 04/06/2023

AS IV Serial no: 097412
Version no: 532B

TEST RECORD 00640

Temp Date Time 210L

Air Blank:
06/21/22 01:51 .000
Calibration Check:
29 06/21/22 01:51 .078

Subject Name

Test # 2
Subject I.D.

Operator Name, I.D.

Davidson 5646
Location
210658 04/06/2023

AS IV Serial no: 097412
Version no: 532B

TEST RECORD 00641

Temp Date Time 210L

Air Blank:
06/21/22 01:53 .000
Calibration Check:
29 06/21/22 01:53 .078

Subject Name

Test # 3
Subject I.D.

Operator Name, I.D.

Davidson 5646
Location
210658 04/06/2023

AS IV Serial no: 097412
Version no: 532B

TEST RECORD 00642

Temp Date Time 210L

Air Blank:
06/21/22 01:55

Subject Name

RFI
Subject I.D.

Operator Name, I.D.

Davidson 5646
Location
210658 04/06/2023



7 Eastgate Dr. • P.O. Box 790 • Jacksonville, IL 62651-0790
217-245-2183 • Fax: 217-243-7534 • www.ilmoproducts.com

Certificate of Analysis

Certificate ID: 13021
Part #: BAC105L080T
Cylinder Size: 105L
Lot Number: 1A020980A2
Expiration: 7/5/2022

0.080 BAC (for the calibration of instruments used to determine breath alcohol concentration)

Component	Reported Concentration:	Analytical Accuracy	Analytical Method:
Ethanol	288 ppm	+/-0.892 pct(0/218)	NDIR
Nitrogen	Balance	(5:2 ppm)	

Distributed by:
CMI Inc
316 East Ninth Street,
Cynthiana, KY 40303
Phone 866-835-0690
www.alcoholtest.com

*Traceable to:
Certified Reference Material - 262.4 µmol/mol
Ethanol in Nitrogen - Serial No. GN0015026 Lot No. 050319E11

Store in dry area, away from sources of heat,
ignition and direct sunlight. Do not allow storage
area to exceed 52 °C (125 °F).

Specialty Gas Lab Tech
[Signature]

06-15-2020
Issuance Date



The calibration gases within this cylinder were obtained using equipment and materials capable of producing analytical grade gases, as NIST, and apply only to the items
contained on this certificate. UNDO Product Company makes no warranty or representation of the accuracy or reliability of the information on this certificate.
purpose. The information on this certificate is for informational purposes only and shall not be used to establish replacement cost of the material or service.

ISO/IEC 17025:2017 Accredited Laboratory



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

PERMIT
TYPE II

DOUGLAS 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: 4/6/2021
NUMBER: 210058
EXPIRES: 4/6/2023
MO 940-9711 (6-11)8
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
[Signature]
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
Lda-9 (6-4-10)

STATE OF MISSOURI
DEPARTMENT OF PUBLIC HEALTH AND SENIOR SERVICES
INSTRUMENT OPERATOR CARD

This sensor cardholder is authorized to operate an approved portable breathalyzer in Missouri.
Operator: DAVIDSON, DOUGLAS
Permit No: 210058
Data Expires: 4/6/2023