



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Tracy Crews at 7:36 am, Jul 20, 2022

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 111780	NAME OF AGENCY Kansas City Police Department	DATE OF INSPECTION 07/07/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 MARION PARK DR, KANSAS CITY		TIME OF INSPECTION 1639

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 # AG019702 EXP. DATE 07/15/2022

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	.078	TEST 2	.079	TEST 3	.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	(0-.04)	(.05-.09)	(.10-.14)	(.15-.19)	2	(OVER .19)	4
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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 Doug Davidson
TYPE/PERMIT NUMBER/EXPIRATION DATE 210058 - 04/06/2023	TELEPHONE NUMBER () 816-482-8141

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: 111780
Version no: 532B

TEST RECORD 00649

Temp Date Time ^{g/} 210L

Air Blank:
07/07/22 16:39 .000
Calibration Check:
30 07/07/22 16:39 .078

Subject Name
Test # 1
Subject I.D.

Operator Name, I.D.
Davidson 5646
Location
21058 04/06/2023

AS IV Serial no: 111780
Version no: 532B

TEST RECORD 00650

Temp Date Time ^{g/} 210L

Air Blank:
07/07/22 16:42 .000
Calibration Check:
30 07/07/22 16:42 .079

Subject Name
Test # 2
Subject I.D.

Operator Name, I.D.
Davidson 5646
Location
21058 04/06/2023

AS IV Serial no: 111780
Version no: 532B

TEST RECORD 00651

Temp Date Time ^{g/} 210L

Air Blank:
07/07/22 16:44 .000
Calibration Check:
31 07/07/22 16:44 .079

Subject Name
Test # 3
Subject I.D.

Operator Name, I.D.
Davidson 5646
Location
21058 04/06/2023

AS IV Serial no: 111780
Version no: 532B

TEST RECORD 00652

Temp Date Time ^{g/} 210L

VOID: RFI
12 07/07/22 16:45

Subject Name
RFI test
Subject I.D.

Operator Name, I.D.
Davidson 5646
Location
21058 04/06/2023

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



Certificate of Analysis

Certificate ID: 13821
 Part #: BAC105L080T
 Cylinder Size: 105L
 Lot Number: 14020088A2
 Expiration: 7/5/2022

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

Component:	Reported Concentration:	Analytical Accuracy (U, k(2)):	Analytical Method:
Ethanol	288 ppm	+/- 0.002 BAC(6/28L)	NDR
Nitrogen	Balance	[5.2 ppm]	

Distributed by:
 CMI Inc
 316 East Ninth Street
 Owensboro, KY 42303
 Phone 866-835-0690
www.alcoholtest.com

*Traceable to:
 Certified Reference Material - 262.4 µmol/mol
 Ethanol in Nitrogen - Serial No. GNI0015026 Lot No. 093019E11

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

Issuance Date: 06-15-2020



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, INTOXLYZER 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 968-071 (6-19)
 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
 LHA-4 (6-10)

STATE OF MISSOURI
 DEPARTMENT OF HEALTH AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM
INSTRUMENT OPERATOR CARD

The owner/operator is authorized to operate the following unit and sensor
 as indicated by the identification of the specific content in design, name or number of
 permit No. 210058
 Operator: DAVIDSON, DOUGLAS
 Date Expires: 06/2023

The calibration results within this certificate were obtained using reference and standard methods of procedure which are traceable to NIST and apply only to the items
 identified in this certificate. LIMO Products Company makes no warranty or representation as to the accuracy or reliability of the results of the analysis.
 Purpose: The information on this certificate is for informational purposes only. Liability shall be limited to the actual cost of the material or service.