



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 111776	NAME OF AGENCY Kansas City MO PD	DATE OF INSPECTION 01/07/2022
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LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive, Kansas City MO 64137	TIME OF INSPECTION 1930
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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

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u>	LOT # <u>AG010103</u> EXP. DATE <u>04/10/2022</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 ➡ .082	TEST 2 ➡ .081	TEST 3 ➡ .081
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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) 0	(.05-.09) 0	(.10-.14) 1	(.15-.19) 0	(OVER .19) 0
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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).

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME Magers, Nathan #5243
TYPE II PERMIT NUMBER/EXPIRATION DATE 210105 05/18/2023	TELEPHONE NUMBER () 816-482-8220

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: 111776
Version no: 532B

TEST RECORD 00276

Temp Date Time ^{s/} 210L

Air Blank:
01/07/22 19:30 .000
Calibration Check:
20 01/07/22 19:30 .082

Subject Name
Test 1

Subject I.D.

Operator Name, I.D.
Magers 5247

Location

AS IV Serial no: 111776
Version no: 532B

TEST RECORD 00278

Temp Date Time ^{s/} 210L

Air Blank:
01/07/22 19:34 .000
Subject Test: Man
21 01/07/22 19:34 .081

Subject Name
Test 3

Subject I.D.

Operator Name, I.D.
Magers 5247

Location

AS IV Serial no: 111776
Version no: 532B

TEST RECORD 00277

Temp Date Time ^{s/} 210L

Air Blank:
01/07/22 19:32 .000
Subject Test: Man
20 01/07/22 19:32 .081

Subject Name
Test 2

Subject I.D.

Operator Name, I.D.
Magers 5247

Location

AS IV Serial no: 111776
Version no: 532B

TEST RECORD 00279

Temp Date Time ^{s/} 210L

VOID: RFI
12 01/07/22 19:35

Subject Name
Test 4

Subject I.D.

Operator Name, I.D.
Magers 5247

Location



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



PERMIT
TYPE II
NATHAN MAGERS

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 506.111 through 506.119 RSMo.

DATE 5/18/2021 *Lee Magers*
NUMBER 210105 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
EXPIRES 5/18/2023 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
MO 306-971 (6-10) *Lee Magers* (406-965-10)



7 Eastgate Dr. • P.O. Box 790 • Jacksonville, IL 62651-0790
217-245-2183 • Fax: 217-243-7634 • www.ilmoproducts.com

Certificate of Analysis

Certificate ID: 13021
Part #: BAC105L080T
Cylinder Size: 105L
Lot Number: 14020080A2
Expiration: 7/5/2022

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

Contents: 105 Liters @ 1000 psig 70°F (21°C)
Component: Ethanol
Reported Concentration: 288 ppm
Analytical Accuracy (U, k=2): ±1.8 ppm BAC(6/288)
Analytical Method: NDIR
Balance: 5.2 ppm

Distributed by:
CPI, 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. GM0015026 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).

Lee Magers
Specialty Gas Lab Tech

06-15-2020
Issuance Date



The calibration results within this certificate were obtained using equipment and standards capable of producing analytical results traceable to NIST and apply only to the items covered on this certificate. LDCO Products Company makes no warranty or representation as to the suitability of the use of any information provided for any particular purpose. This information can be at the sole discretion and risk of the user. Labeling shall be limited to established replacement cost of this material or service.