



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
 STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
 By Tracy Crews at 8:21 am, Jan 03, 2023

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 111781	NAME OF AGENCY Warsaw Police Department	DATE OF INSPECTION 12/30/2022
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LOCATION OF INSTRUMENT (STREET AND CITY) 181 W. Harrison St, Warsaw Mo	TIME OF INSPECTION 7:53 pm
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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 Guth Laboratories LOT # 22310 EXP. DATE 08/11/2024

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.01 SIM. SN MP6529 SIM. NIST EXP DATE 05/05/2023

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 ➔ .098

TEST 2 ➔ .099

TEST 3 ➔ .099

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	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(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 operating within established DOH limits.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Tony Helms
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TYPE II PERMIT NUMBER/EXPIRATION DATE 220130 05/11/2024	TELEPHONE NUMBER (660) 438-5522
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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: 111781
Version no: 532B

TEST RECORD 00090

Temp Date Time ^{s/} 210L

Air Blank:
12/30/22 19:53 .000
Calibration Check:
21 12/30/22 19:53 .000

Subject Name

Test # 1

Subject I.D.

Test # 1

Operator Name: I.D.

T. Helms 220130

Location

181 W Harrison

Warsaw MO

AS IV Serial no: 111781
Version no: 532B

TEST RECORD 00091

Temp Date Time ^{s/} 210L

Air Blank:
12/30/22 19:54 .000
Calibration Check:
21 12/30/22 19:54 .000

Subject Name

Test # 2

Subject I.D.

Test # 2

Operator Name: I.D.

T. Helms 220130

Location

181 W Harrison

Warsaw MO

AS IV Serial no: 111781
Version no: 532B

TEST RECORD 00092

Temp Date Time ^{s/} 210L

Air Blank:
12/30/22 19:55 .000
Calibration Check:
22 12/30/22 19:55 .000

Subject Name

Test # 3

Subject I.D.

Test # 3

Operator Name: I.D.

T. Helms 220130

Location

181 W Harrison

Warsaw MO

AS IV Serial no: 111781
Version no: 532B

TEST RECORD 00093

Temp Date Time ^{s/} 210L

VOID: RFI
12 12/30/22 19:57

Subject Name

RFI Test

Subject I.D.

RFI Test

Operator Name: I.D.

T. Helms 220130

Location

JH 181 W Harrison

Warsaw MO



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **22310** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **August 16, 2022**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1205%** (w/vol) ethyl alcohol. The expiration date for this lot number is **August 11, 2024** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L +/- 3%**.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

*Testing was conducted using Cerilliant Reference Standard lot number **FN03052002** whose values are traceable to NIST.*

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.



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



PERMIT
TYPE II
ANTHONY HELMS

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

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 5/11/2022

NUMBER 220130

EXPIRES 5/11/2024

Laura Q. Day

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paula J. Nickelson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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

INSTRUMENT OPERATOR CARD

The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.

Operator HELMS, ANTHONY
Permit No 220130
Date Issued 5/11/2022 **Date Expires** 5/11/2024

