



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

RECEIVED

By Tracy Crews at 11:01 am, Apr 11, 2024

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 111746	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 04/04/2024
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LOCATION OF INSTRUMENT (STREET AND CITY) 3131 E Kearney, Springfield, Missouri 65803	TIME OF INSPECTION 21:42
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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 checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
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<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Guth Laboratories, INC</u> LOT # <u>23390</u> EXP. DATE <u>10/17/2025</u>
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<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>33.99</u> SIM. SN <u>MP2418</u> SIM. NIST EXP DATE <u>12/05/2024</u>
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- 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 ← .102	TEST 2 ← .102	TEST 3 ← .102
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<input checked="" type="checkbox"/> RFI DETECTOR OPERATING
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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) 3	(.15-.19)	(OVER .19)
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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).

changed time +1 hour and +2 minutes

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME D W Henley # 727
TYPE II PERMIT NUMBER/EXPIRATION DATE 220190 8/3/2024	TELEPHONE NUMBER (417) 895 - 6868

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

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AS IV Serial no: 111746
Version no: 532B

TEST RECORD 00628

Temp Date Time 210L ^{9/}

Air Blank:

04/04/24 21:46 .000

Calibration Check:
23 04/04/24 21:46 .102

Subject Name
TEST 1

Subject I.D.

Operator Name, I.D.
D W HENLEY # 727

Location
3131 E KEARNEY

SPRINGFIELD MO

W J # 727

AS IV Serial no: 111746
Version no: 532B

TEST RECORD 00629

Temp Date Time 210L ^{9/}

Air Blank:

04/04/24 21:47 .000

Calibration Check:
24 04/04/24 21:47 .102

Subject Name
TEST 2

Subject I.D.

Operator Name, I.D.
D W HENLEY # 727

Location
3131 E KEARNEY

SPRINGFIELD MO

W J # 727

AS IV Serial no: 111746
Version no: 532B

TEST RECORD 00630

Temp Date Time 210L ^{9/}

Air Blank:

04/04/24 21:48 .000

Calibration Check:
24 04/04/24 21:48 .102

Subject Name
TEST 3

Subject I.D.

Operator Name, I.D.
D W HENLEY # 727

Location
3131 E KEARNEY

SPRINGFIELD MO

W J # 727

AS IV Serial no: 111746
Version no: 532B

TEST RECORD 00631

Temp Date Time 210L ^{9/}

VOID: RFI

12 04/04/24 21:50

Subject Name
RFI

Subject I.D.

Operator Name, I.D.
D W HENLEY # 727

Location
3131 E KEARNEY

SPRINGFIELD MO

W J # 727



GUTH LABORATORIES, INC.

690 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-684-6470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 23390 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 18, 2023, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1207% (w/vol) ethyl alcohol. The expiration date for this lot number is October 17, 2025 at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L \pm 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 FN03072301 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

2

**PERMIT
TYPE II**

DAVID W. HENLEY, JR.

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, INTOX DMT

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 8/3/2022

NUMBER 220190

EXPIRES 8/3/2024

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David J. Nicholson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)

 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 HENLEY, JR., DAVID
Permit No 220190
Date issued 8/3/2022 Date Expires 8/3/2024

