



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 107993	NAME OF AGENCY BRECKENRIDGE HILLS	DATE OF INSPECTION 07/07/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 9623 ST. CHARLES ROCK ROAD		TIME OF INSPECTION 6:03 am

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 LABS LOT # 21380 EXP. DATE 09/13/2023
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN MP6536 SIM. NIST EXP DATE 03/25/2023
- 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
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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	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.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 RANDY VONCLOEDT
TYPE II PERMIT NUMBER/EXPIRATION DATE 220142 05/11/2024	TELEPHONE NUMBER (314) 426-1214

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: 107993
Version no: 532B

TEST RECORD 00994

Temp Date Time ^{s/} 210L

Air Blank:
07/07/22 07:12 .000
Calibration Check:
23 07/07/22 07:12 .098

Subject Name

Mant

Subject I.D.

Vn NA

Operator Name, I.D.

Vn ltr 207

Location

9623 MO180

St. Louis MO63114

[Signature]

AS IV Serial no: 107993
Version no: 532B

TEST RECORD 00995

Temp Date Time ^{s/} 210L

Air Blank:
07/07/22 07:13 .000
Calibration Check:
23 07/07/22 07:13 .099

Subject Name

Mant

Subject I.D.

NA

Operator Name, I.D.

Vn ltr 207

Location

9623 MO180

St. Louis MO63114

[Signature]

AS IV Serial no: 107993
Version no: 532B

TEST RECORD 00996

Temp Date Time ^{s/} 210L

Air Blank:
07/07/22 07:16 .000
Calibration Check:
24 07/07/22 07:16 .099

Subject Name

Mant

Subject I.D.

N/A

Operator Name, I.D.

Vn ltr 207

Location

9623 MO180

St. Louis MO63114

AS IV Serial no: 107993
Version no: 532B

TEST RECORD 00997

Temp Date Time ^{s/} 210L

VOID: PFI
12 07/07/22 07:17

[Signature]

Subject I.D.

NA

Operator Name, I.D.

Vn ltr 207

Location

9623 MO180

St. Louis MO63114

[Signature]



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 21380 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 15, 2021, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1214% (w/vol) ethyl alcohol. The expiration date for this lot number is September 13, 2023 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.*



SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

Simulator Serial Number: MP6536 Manufacturer: Guth
 Model Number: 12V500
 Agency: BRECKENRIDGE HILLS PD
 Agency Address: 9623 ST. CHARLES ROCK RD, ST. LOUIS, MO 63114

NIST THERMOMETER INFORMATION

Serial Number: 17KMM00690 Bias: 0.01
 Uncertainty: 0.02
 Date of Certification: 11/10/2021 Date of Expiration: 11/10/2022

ENVIRONMENTAL CONDITIONS

The environmental conditions during testing are within the tolerances of DHSS BAP method 3.

VERIFICATION RESULTS

<u>Simulator Average</u>	<u>NIST Average</u>	<u>Combined Uncertainty</u>
33.99	34.00	.03

The combined uncertainty is calculated with a k=2 value.

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 3/25/2022
 Certification Expiration: 3/25/2023
 Simulator testing technician: R. SCHILDKNECHT

Notes on Condition: none

Deviation(s) from method: none

DESS BAP Scientist Approving: BRIANNA MEDRANO
 Certification No: MP6536_3252022

X Brianna Medrano

DHSS BAP Scientist Approving



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

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**PERMIT
TYPE II**

RANDY J. VON CLOEDT

is hereby authorized to instruct and supervise operators, train instructors, inspect, callbrate, 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

Laura A. Noy

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 220142

David J. Nicholson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 5/11/2024

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 VON CLOEDT, RANDY
Permit No 220142
Date Issued 5/11/2022 Date Expires 5/11/2024

