



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 105446	NAME OF AGENCY Lone Jack	DATE OF INSPECTION 05/07/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 401 N Bynum Road, Lone Jack		TIME OF INSPECTION 2:24 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

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Guth Laboratories, INC</u>	LOT # <u>20420</u> EXP. DATE <u>09/22/2022</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.0</u>	SIM. SN <u>MP6535</u> SIM. NIST EXP DATE <u>02/01/2023</u>

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 .099	TEST 2 .098	TEST 3 .098
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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)	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 Virginia DeBoard
TYPE II PERMIT NUMBER/EXPIRATION DATE 210030 2/23/2023	TELEPHONE NUMBER (816) 697-2417

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: 105446
Version no: 532B

TEST RECORD 00942

Temp Date Time 210L

Air Blank:
05/07/22 02:24 .000
Calibration Check:
25 05/07/22 02:24 .099

Subject Name

Subject I.D.

Operator Name, I.D.

DeBoard 378

Location

401 N Bynum Rd

Lone Jack MO

AS IV Serial no: 105446
Version no: 532B

TEST RECORD 00943

Temp Date Time 210L

Air Blank:
05/07/22 02:26 .000
Calibration Check:
26 05/07/22 02:26 .098

Subject Name

Subject I.D.

Operator Name, I.D.

DeBoard 378

Location

401 N Bynum Rd

Lone Jack MO

AS IV Serial no: 105446
Version no: 532B

TEST RECORD 00944

Temp Date Time 210L

Air Blank:
05/07/22 02:28 .000
Calibration Check:
27 05/07/22 02:28 .098

Subject Name

Subject I.D.

Operator Name, I.D.

DeBoard 378

Location

401 N Bynum Rd

Lone Jack MO

AS IV Serial no: 105446
Version no: 532B

TEST RECORD 00945

Temp Date Time 210L

VOID: RFI
12 05/07/22 02:29

Subject Name

Subject I.D.

Operator Name, I.D.

DeBoard 378

Location

401 N Bynum Rd

Lone Jack MO



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-561-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **20420** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 23, 2020**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1208%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 22, 2022** 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 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
VIRGINIA DEBOARD

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 577.044, RSMo. and 306.111 through 306.118 RSMo.

DATE 2/23/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 210036

EXPIRES 2/23/2023

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO-880-9/77 (8-05)

LAS-4 (R9-10)

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

INSTRUMENT OPERATOR CARD

The permit operator is authorized to operate an approved breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.

Operator: **DEBOARD, VIRGINIA**
Permit No. **210036**
Date Issued **2/23/2021** Date Expires **2/23/2023**



SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

Simulator Serial Number: MP6535 **Manufacturer:** Guth
Model Number: 12V500
Agency: LONE JACK PD
Agency Address: 401 N BYNUM RD, LONE JACK, MO 64070

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>
34.00	34.01	.03

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

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 2/1/2022
Certification Expiration: 2/1/2023
Simulator testing technician: D. DEBOARD

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: BRIANNA MEDRANO
Certification No: MP6535_212022

X

DHSS BAP Scientist Approving