



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

RECEIVED

By Tracy Crews at 7:40 am, Aug 31, 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 030791	NAME OF AGENCY Hazelwood Police Department	DATE OF INSPECTION 08/25/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 415 Elm Grove Lane Hazelwood, MO 63042		TIME OF INSPECTION 1330

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 Inc. LOT # 22430 EXP. DATE 11/30/2024

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.1 SIM. SN MP6029 SIM. NIST EXP DATE 07/10/2024

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 .101

TEST 2 .100

TEST 3 .100

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-.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 Sgt. Scott Schnurbusch
TYPE II PERMIT NUMBER/EXPIRATION DATE 210222 09/28/2023	TELEPHONE NUMBER (314) 513-5297

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: 030791
Version no: 532B

TEST RECORD 00881

Temp Date Time 210L ^{9/}

Air Blank: 08/25/23 13:33 .000
Calibration Check: 21 08/25/23 13:33 .101

Subject Name

Test #1

Subject I.D. 210222

Sgt. Schwarzbach

Operator Name, I.D.

BAT VAN

Location

415 Elm Grove

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00882

Temp Date Time 210L ^{9/}

Air Blank: 08/25/23 13:35 .000
Calibration Check: 22 08/25/23 13:35 .100

Subject Name

Test #2

Subject I.D. 210222

Sgt. Schwarzbach

Operator Name, I.D.

BAT VAN

Location

415 Elm Grove

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00883

Temp Date Time 210L ^{9/}

Air Blank: 08/25/23 13:37 .000
Calibration Check: 23 08/25/23 13:37 .100

Subject Name

Test #3

Subject I.D. 210222

Sgt. Schwarzbach

Operator Name, I.D.

BAT VAN

Location

415 Elm Grove

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00885

Temp Date Time 210L ^{9/}

Air Blank: 08/25/23 13:40 .000
Subject Test: Auto
24 08/25/23 13:40 .000

Subject Name

Subject Test

Subject I.D. 210222

Sgt. Schwarzbach

Operator Name, I.D.

BAT VAN

Location

410 Elm Grove

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00886

Temp Date Time 210L ^{9/}

VOID: RTI
12 08/25/23 13:44

Subject Name

RTI Test

Subject I.D. 210222

Sgt. Schwarzbach

Operator Name, I.D.

BAT VAN

Location

415 Elm Grove



GUTH LABORATORIES, INC.

690 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-664-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **22430** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **December 1, 2022**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1216%** (w/vol) ethyl alcohol. The expiration date for this lot number is **November 30, 2024** 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.



Paula Nickelson
 Acting Director

Michael L. Parson
 Governor

SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

Simulator Serial Number: MP6029 **Manufacturer:** Guth
Model Number: 12V500
Agency: HAZELWOOD PD
Agency Address: 415 ELM GROVE LANE, HAZELWOOD, MO 63042

NIST THERMOMETER INFORMATION

Serial Number: 17KMM00690 **Bias:** 0.00
Uncertainty: 0.02
Date of Certification: 10/24/2022 **Date of Expiration:** 10/24/2023

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	34.00	.02

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

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 7/10/2023
Certification Expiration: 7/10/2024
Simulator testing technician: R. SCHILDKNECHT

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: BRIANNA MEDRANO
Certification No: MP6029_7102023

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**

SCOTT M. SCHNURBUSCH

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 EC/IR II

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 9/28/2021

Laura P. Day

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 210222

Donald A. Kamm

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 9/28/2023

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 SCHNURBUSCH, SCOTT
Permit No 210222
Date issued 9/28/2021 Date Expires 9/28/2023

