



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

RECEIVED

By Tracy Crews at 7:51 am, Apr 28, 2022

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 111660	NAME OF AGENCY Fredericktown Police Dept.	DATE OF INSPECTION 04/27/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 120 W. Main St. - Fredericktown		TIME OF INSPECTION 11:13 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 Laboratories LOT # 21380 EXP. DATE 09/13/2023

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.99 SIM. SN MP2936 SIM. NIST EXP DATE 11/10/2022

☒ 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 ➡ .100

TEST 2 ➡ .100

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)	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).

Instrument is operating properly

INSPECTING OFFICER

SIGNATURE

Sgt. Michael Sletten

PRINT NAME

Sgt. Michael Sletten

TYPE II PERMIT NUMBER/EXPIRATION DATE

200271 - 10/19/2022

TELEPHONE NUMBER

(573) 783-3660

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



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

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**PERMIT
TYPE II**

MICHAEL D SLETTEN

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 10/19/2020

NUMBER 200271

EXPIRES 10/19/2022

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 SLETTEN, MICHAEL

Permit No 200271

Date Issued 10/19/2020 Date Expires 10/19/2022





Missouri Department of Health and Senior Services

P.O. Box 570, Jefferson City, MO 65102-0570 Phone: 573-751-6400 FAX: 573-751-6010
RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2966 VOICE 1-800-735-2466

Richard W. Moore
Acting Director



Michael L. Parson
Governor

SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

Simulator Serial Number: MP2936 Manufacturer: Guth

Model Number: 12V500

Agency: FREDERICKTOWN PD

Agency Address: 120 W MAIN ST, FREDERICKTOWN, MO 63645

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: 1/27/2022

Certification Expiration: 1/27/2023

Simulator testing technician: R. SCHILDKNECHT

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: BRIANNA MEDRANO

Certification No: MP2936_1272022

X *Brianna Medrano*

DHSS BAP Scientist Approving

Simulator Calibration Certification

Issued by Lab Manager, DHSS BAP

Revision Date: 05/16/2018

Breath Alcohol Program
1903 Northwood Drive, Suite 4
Poplar Bluff, MO 63901

DHSS BAP Document 3.6A

Revision 1

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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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, 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.

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00658

Temp Date Time 210L

VOID: RFI
12 04/27/22 11:13

Subject Name

RFI CHECK

Subject I.D.

MONTHLY MAINT.

Operator Name, I.D.

M. SLETTEN - 200271

Location

FREDERICKTOWN PD

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00659

Temp Date Time 210L

Air Blank:
04/27/22 11:15 .000
Subject Test: Auto
20 04/27/22 11:15 .000

Subject Name

BLANK TEST

Subject I.D.

MONTHLY MAINT.

Operator Name, I.D.

M. SLETTEN - 200271

Location

FREDERICKTOWN PD

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00660

Temp Date Time 210L

Air Blank:
04/27/22 11:16 .000
Calibration Check:
21 04/27/22 11:16 .100

Subject Name

SAMPLE TEST #1

Subject I.D.

MONTHLY MAINT.

Operator Name, I.D.

M. SLETTEN - 200271

Location

FREDERICKTOWN PD

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00661

Temp Date Time 210L

Air Blank:
04/27/22 11:18 .000
Calibration Check:
21 04/27/22 11:18 .100

Subject Name

SAMPLE TEST #2

Subject I.D.

MONTHLY MAINT.

Operator Name, I.D.

M. SLETTEN - 200271

Location

FREDERICKTOWN PD

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00662

Temp Date Time 210L

Air Blank:
04/27/22 11:19 .000
Calibration Check:
22 04/27/22 11:19 .099

Subject Name

SAMPLE TEST #3

Subject I.D.

M. SLETTEN - 200271

Operator Name, I.D.

MONTHLY MAINT.

Location

FREDERICKTOWN PD

AS IV Serial no: 111660
Version no: 532B

Last Calibration:
11/25/19 15:36 .100

Test Results:
00657 Subject Test: Auto
19 04/12/22 10:35 .146
04.4 Lit. 07.2 Sec.
00658 VOID: RFI
12 04/27/22 11:13
00.0 Lit. 00.0 Sec.
00659 Subject Test: Auto
20 04/27/22 11:15 .000
01.5 Lit. 04.0 Sec.
00660 Calibration Check:
21 04/27/22 11:16 .100
00.0 Lit. 00.0 Sec.
00661 Calibration Check:
21 04/27/22 11:18 .100
00.0 Lit. 00.0 Sec.
00662 Calibration Check:
22 04/27/22 11:19 .099
00.0 Lit. 00.0 Sec.
