



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Tracy Crews at 7:26 am, Dec 29, 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 12/28/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 120 W. Main St. - Fredericktown		TIME OF INSPECTION 7:10 pm

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 # 22080 EXP. DATE 03/07/2024
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN MP 2936 SIM. NIST EXP DATE 01/27/2023

- 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 .100	TEST 2 .099	TEST 3 .100
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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	1	(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).

Instrument is operating properly

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Michael Sletten
TYPE II PERMIT NUMBER/EXPIRATION DATE 220261 - 11/17/2024	TELEPHONE NUMBER (573) 783-7401

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 11/17/2022

NUMBER 220261

EXPIRES 11/17/2024

Mike Mazzoni

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David J. Nicholson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-1 (R5-10)

MO 580-0771 (6-10)

 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 220261
Date Issued 11/17/2022 Date Expires 11/17/2024





Missouri Department of Health and Senior Services
 P O Box 370 Jefferson City, MO 65102-0570 Phone: 573-751-5400 FAX: 573-751-6010
 RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2966 VOICE 1-800-735-2456
 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

DHSS BAP Scientist Approving



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 **22080** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **March 9, 2022**, 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 **March 7, 2024** 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 00708

Temp Date Time 210L
s/

VOID: RFI
12 12/28/22 19:11

Subject Name

RFI CHECK

Subject I.D.

MONTHLY MAINT.

Operator Name, I.D.

M. SLETTEN - 220261

Location

120 W. MAIN ST.

FREDERICKTOWN, MO

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00709

Temp Date Time 210L
s/

Air Blank:
12/28/22 19:13 .000
Subject Test: Auto
21 12/28/22 19:13 .000

Subject Name

BLANK TEST

Subject I.D.

MONTHLY MAINT.

Operator Name, I.D.

M. SLETTEN - 220261

Location

120 W. MAIN ST.

FREDERICKTOWN, MO

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00710

Temp Date Time 210L
s/

Air Blank:
12/28/22 19:14 .000
Calibration Check:
21 12/28/22 19:14 .100

Subject Name

TEST SAMPLE #1

Subject I.D.

MONTHLY MAINT.

Operator Name, I.D.

M. SLETTEN - 220261

Location

120 W. MAIN ST.

FREDERICKTOWN, MO

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00711

Temp Date Time 210L
s/

Air Blank:
12/28/22 19:16 .000
Calibration Check:
21 12/28/22 19:16 .099

Subject Name

TEST SAMPLE #2

Subject I.D.

MONTHLY MAINT.

Operator Name, I.D.

M. SLETTEN - 220261

Location

120 W. MAIN ST.

FREDERICKTOWN, MO

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00712

Temp Date Time 210L
s/

Air Blank:
12/28/22 19:17 .000
Calibration Check:
21 12/28/22 19:17 .100

Subject Name

TEST SAMPLE #3

Subject I.D.

MONTHLY MAINT.

Operator Name, I.D.

M. SLETTEN - 220261

Location

120 W. MAIN ST.

FREDERICKTOWN, MO

AS IV Serial no: 111660
Version no: 532B

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

Test Results:

00707 VOID: TEST RPSD
25 12/18/22 12:29
00.0 Lit. 00.0 Sec.
00708 VOID: RFI
12 12/28/22 19:11
00.0 Lit. 00.0 Sec.
00709 Subject Test: Auto
21 12/28/22 19:13 .000
01.5 Lit. 02.7 Sec.
00710 Calibration Check:
21 12/28/22 19:14 .100
00.0 Lit. 00.0 Sec.
00711 Calibration Check:
21 12/28/22 19:16 .099
00.0 Lit. 00.0 Sec.
00712 Calibration Check:
21 12/28/22 19:17 .100
00.0 Lit. 00.0 Sec.