



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

RECEIVED
 By Tracy Crews at 11:26 am, Apr 28, 2021

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 04/27/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 120 W. Main St. - Fredericktown		TIME OF INSPECTION 9:02 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 GUTH Laboratories	LOT # 20420 EXP. DATE 09/22/2022
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0	SIM. SN MP2936 SIM. NIST EXP DATE 02/02/2022

- 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 ← .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).

Instrument is operating properly.

INSPECTING OFFICER	
SIGNATURE 	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



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



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
 Randall W. Williams, MD, FACOG
 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: 0.00
 Uncertainty: 0.02
 Date of Certification: 11/6/2020 Date of Expiration: 11/6/2021

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	34.02	.04

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

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 2/2/2021
 Certification Expiration: 2/2/2022
 Simulator testing technician: D. DEBOARD

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: B. LUTMER
 Certification No.: MP2936_222021

X 

DHSS BAP Scientist Approving

AS IV Serial no: 111660
Version no: 532B

TEST RECORD 00591

Temp	Date	Time	s/ 210L
Air Blank:			
	04/27/21	09:10	.000
Calibration Check:			
	21	04/27/21 09:10	.100

Subject Name

TEST SAMPLE #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 00593

Temp	Date	Time	s/ 210L
Air Blank:			
	04/27/21	09:12	.000
Calibration Check:			
	22	04/27/21 09:12	.099

Subject Name

TEST SAMPLE #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 00594

Temp	Date	Time	s/ 210L
Air Blank:			
	04/27/21	09:14	.000
Calibration Check:			
	23	04/27/21 09:14	.099

Subject Name

TEST SAMPLE #3

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 00592

Temp	Date	Time	s/ 210L
VOID: RFI			
	12	04/27/21 09:11	

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 00590

Temp	Date	Time	s/ 210L
Air Blank:			
	04/27/21	09:02	.000
Subject Test: Auto			
	20	04/27/21 09:02	.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

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

Test Results:
00590 Subject Test: Auto
20 04/27/21 09:02 .000
01.5 Lit. 02.9 Sec.
00591 Calibration Check:
21 04/27/21 09:10 .100
00.0 Lit. 00.0 Sec.
00592 VOID: RFI
12 04/27/21 09:11
00.0 Lit. 00.0 Sec.
00593 Calibration Check:
22 04/27/21 09:12 .099
00.0 Lit. 00.0 Sec.
00594 Calibration Check:
23 04/27/21 09:14 .099
00.0 Lit. 00.0 Sec.
