



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 STATE PUBLIC HEALTH LABORATORY  
**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 097460	NAME OF AGENCY Battlefield Police Department	DATE OF INSPECTION 09/08/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 5434 Tower Dr. Battlefield, MO		TIME OF INSPECTION 11:00 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, Inc. LOT # 20190 EXP. DATE 04/06/2022

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIM. SN SD 2251 SIM. NIST EXP DATE 10/02/2021

- 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  .105	TEST 2  .104	TEST 3  .104
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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)	1	(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 Tyler Moss
TYPE II PERMIT NUMBER/EXPIRATION DATE Number: 200201 Expires: 07/08/2022	TELEPHONE NUMBER (417) 890-9876

**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: 097460  
Version no: 532B

TEST RECORD 01062

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
09/08/21 11:20 .000  
Subject Test: Man  
21 09/08/21 11:20 .105

Subject Name

Test 1

Subject I.D.

Tyler Moss

Operator Name, I.D.

200201 9/8/2021

Location

Battlefield PD

AS IV Serial no: 097460  
Version no: 532B

TEST RECORD 01063

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
09/08/21 11:21 .000  
Subject Test: Man  
22 09/08/21 11:21 .104

Subject Name

Test 2

Subject I.D.

Tyler Moss

Operator Name, I.D.

200201 9/8/2021

Location

Battlefield PD

AS IV Serial no: 097460  
Version no: 532B

TEST RECORD 01064

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
09/08/21 11:23 .000  
Subject Test: Man  
23 09/08/21 11:23 .104

Subject Name

Test 3

Subject I.D.

Tyler Moss

Operator Name, I.D.

200201 9/8/2021

Location

Battlefield PD

AS IV Serial no: 097460  
Version no: 532B

TEST RECORD 01065

Temp Date Time <sup>a/</sup> 210L

VOID: RFI  
12 09/08/21 11:24

Subject Name

RFI Test

Subject I.D.

Tyler Moss

Operator Name, I.D.

200201 9/8/2021

Location

Battlefield PD



## 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 **20190** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **April 8, 2020**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1206%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 6, 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 FN02271802 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**  
**TYLER MOSS**

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 7/8/2020

NUMBER 200201

EXPIRES 7/8/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



**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** MOSS, TYLER  
**Permit No** 200201  
**Date Issued** 7/8/2020    **Date Expires** 7/8/2022



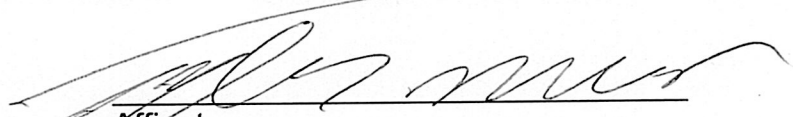
THE STATE OF MISSOURI     )  
COUNTY OF GREENE         )

**AFFIDAVIT**

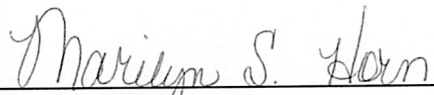
Before me, the undersigned authority, personally appeared **Tyler A. Moss**, who, being by me duly sworn, deposed as follows:

My name is **Tyler A. Moss**, I am of sound mind, capable of making this affidavit, and personally acquainted with the facts herein stated:

I am the custodian of records for Type II maintenance reports for the **Battlefield Police Department**. Attached hereto is/are 4 pages of records that are kept by me in the regular course of business, and it was in the regular course of business of maintaining the ASIV w/ Printer instrument as an employee of the **Battlefield Police Department** with knowledge of the act, event, condition, opinion, or diagnosis recorded or to transmit information thereof to be included in such record; and the record was made at or near the time of the act, event, condition, opinion of diagnosis. The records attached hereto are the original or exact duplicate of the originals of the 09/08/2021 Alco-Sensor IV with printer report.

  
\_\_\_\_\_  
Affiant

In witness whereof, I have hereunto subscribed my name and affixed my official seal this 8<sup>th</sup> day of September, 2021.

  
\_\_\_\_\_  
Notary Public

