



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

RECEIVED  
 BY: [unclear] ON: 8-14-2020

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 <u>111752</u>	NAME OF AGENCY <u>STRAFFORD POLICE DEPT</u>	DATE OF INSPECTION <u>9-15-2020</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>125 S. JEFFERSON STRAFFORD, MO 65457</u>		TIME OF INSPECTION <u>15:35</u>

**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 LABS LOT # 19341 EXP. DATE 11-18-2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN 125379 SIM. NIST EXP DATE 5-27-2021

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 • .097

TEST 2 • .098

TEST 3 • .097

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)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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).

AT TIME OF MAINTENANCE, INSTRUMENT WAS OPERATING  
IN ACCORDANCE WITH DHS STANDARDS

**INSPECTING OFFICER**

SIGNATURE [Signature]

PRINT NAME KRISTEN MALLOY

TYPE II PERMIT NUMBER/EXPIRATION DATE  
290135 EXP 6-21-2021

TELEPHONE NUMBER  
(417) 736-4000

**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: 111752  
Version no: 532B

TEST RECORD 00613

Temp	Date	Time	s/	210L
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Air Blank:  
09/15/20 15:35 .000

Calibration Check:  
22 09/15/20 15:35 .097

Subject Name

TEST 1

Subject I.D.

KRISTEN MALLORY

Operator Name, I.D.

290135 EXP 6-21-21

Location

125 S. JEFFERSON

STRAFFORD, MO

AS IV Serial no: 111752  
Version no: 532B

TEST RECORD 00614

Temp	Date	Time	s/	210L
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Air Blank:  
09/15/20 15:36 .000

Calibration Check:  
22 09/15/20 15:36 .098

Subject Name

TEST 2

Subject I.D.

KRISTEN MALLORY

Operator Name, I.D.

290135 EXP 6-21-21

Location

125 S. JEFFERSON

STRAFFORD, MO

AS IV Serial no: 111752  
Version no: 532B

TEST RECORD 00615

Temp	Date	Time	s/	210L
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Air Blank:  
09/15/20 15:38 .000

Calibration Check:  
23 09/15/20 15:38 .097

Subject Name

TEST 3

Subject I.D.

KRISTEN MALLORY

Operator Name, I.D.

290135 EXP 6-21-21

Location

125 S. JEFFERSON

STRAFFORD, MO

AS IV Serial no: 111752  
Version no: 532B

TEST RECORD 00616

Temp	Date	Time	s/	210L
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VOID: RFI  
12 09/15/20 15:40

Subject Name

RFI

Subject I.D.

KRISTEN MALLORY

Operator Name, I.D.

290135 EXP 6-21-21

Location

125 S. JEFFERSON

STRAFFORD, MO



# 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 **19341** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **November 20, 2019**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1211%** (w/vol) ethyl alcohol. The expiration date for this lot number is **November 18, 2021** 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 FN04271602 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

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**PERMIT  
 TYPE II**

**KRISTEN J. MALLORY**

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 6/21/2019

NUMBER 290135

EXPIRES 6/21/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 **MALLORY, KRISTEN**  
 Permit No **290135**  
 Date Issued **6/21/2019**    Date Expires **6/21/2021**