



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

**RECEIVED**  
 By Tracy Crews at 10:04 am, Nov 23, 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 107460	NAME OF AGENCY Marshall PD	DATE OF INSPECTION 11/21/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 461 W. Arrow, Marshall MO		TIME OF INSPECTION 6:30 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 LOT # 19730 EXP. DATE 12/09/2021
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.98 SIM. SN MP4953 SIM. NIST EXP DATE 09/22/2021

- 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  .104	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-.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).

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME M. Blake Montgomery
TYPE II PERMIT NUMBER/EXPIRATION DATE 200254 09/24/2022	TELEPHONE NUMBER (660) 886-7411

**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: 187468  
Version no: 532B

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Version no: 532B

TEST RECORD 88776

TEST RECORD 88777

TEST RECORD 88778

Temp	Date	Time	210L
Air Blank:			
	10/21/20	06:30	.000
Calibration Check:			
	22 10/21/20	06:30	.184

Temp	Date	Time	210L
Air Blank:			
	10/21/20	06:32	.000
Calibration Check:			
	22 10/21/20	06:32	.184

Temp	Date	Time	210L
Air Blank:			
	10/21/20	06:33	.000
Calibration Check:			
	23 10/21/20	06:33	.182

Subject Name  
Test 1  
Subject I.D.

Subject Name  
Test 2  
Subject I.D.  
M. Blake Montgomery

Subject Name  
Test 3  
Subject I.D.  
M. Blake Montgomery

Operator Name, I.D.  
M. Blake Montgomery  
Location 254200 9/24/2022  
461 W Arrow  
Marshall MO

Operator Name, I.D.  
200254  
Location  
461 W. Arrow  
Marshall MO

Operator Name, I.D.  
200254  
Location  
461 W. Arrow  
Marshall MO

AS IV Serial no: 187468  
Version no: 532B

TEST RECORD 88779

Temp	Date	Time	210L
VOID: RFI			
	12 10/21/20	06:35	

Subject Name  
Test RFI  
Subject I.D.  
M. Blake Montgomery  
Operator Name, I.D.  
200254  
Location  
461 W. Arrow  
Marshall MO



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



**PERMIT  
 TYPE II**

**M. BLAKE MONTGOMERY**

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, INTOX DMT**

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 9/24/2020

NUMBER 200254

EXPIRES 9/24/2022

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** MONTGOMERY, M.  
**Permit No** 200254  
**Date Issued** 9/24/2020 **Date Expires** 9/24/2022





## 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 **19370** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **December 10, 2019**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1199%** (w/vol) ethyl alcohol. The expiration date for this lot number is **December 9, 2021** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L +/- 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.*