



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

INTOX EC/IR II MAINTENANCE REPORT

REPORT #3

Complete this report at the time of the regular monthly preventive maintenance check (not to exceed 35 days). Complete this report whenever the instrument is serviced or repaired and whenever it is placed into service. Retain the original and send a copy within 15 days to the Breath Alcohol Program, DHSS.

INTOX EC/IR II SN 12694	NAME OF AGENCY BELLEFONTAINE NEIGHBORS	DATE OF INSPECTION 03/10/2025
LOCATION OF INSTRUMENT (STREET AND CITY) 9641 Bellefontaine Road Bellefontaine Neighbors		TIME OF INSPECTION 05:14 CDT
CHECKLIST: Place a mark in the box by each item if found to be satisfactory or is operating within established limits. (Write in observed values where determined). Unmarked items must be corrected before using instrument.		
<input checked="" type="checkbox"/> DIAGNOSTIC RECORD		
<input checked="" type="checkbox"/> BLANK CHECK	<input checked="" type="checkbox"/> CO2 CHECK	
<input checked="" type="checkbox"/> FC 1 TEMP	<input checked="" type="checkbox"/> FLOW CHECK	
<input checked="" type="checkbox"/> SRC TEMP	<input checked="" type="checkbox"/> FCB CHECK	
<input checked="" type="checkbox"/> DET TEMP	<input checked="" type="checkbox"/> CRC COMP CHECK	
<input checked="" type="checkbox"/> BT TEMP	<input checked="" type="checkbox"/> CRC CAL CHECK	
<input checked="" type="checkbox"/> STD 2 TEMP	<input checked="" type="checkbox"/> PRINT TEST	
<input checked="" type="checkbox"/> ETH CHECK		
BREATH ANALYZER ACCURACY STANDARDS		
<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE	
<input checked="" type="checkbox"/> STANDARD SUPPLIER GUTH LABS	LOT# 24310	EXP. DATE 08/27/2026
<input checked="" type="checkbox"/> SIMULATOR TEMP (34°C ±0.2°C) 34C +/- .2C	SIM. SN MP3871	SIM. NIST EXP DATE 12/09/2025
<input checked="" type="checkbox"/> 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 <u>+5%</u> of the standard value and must have a spread of .005 or less. Mark the box corresponding to the standard solution being used.		
<input checked="" type="checkbox"/> 0.10% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE		
<input type="checkbox"/> 0.08% STANDARD - MUST READ BETWEEN 0.076% AND 0.084% INCLUSIVE		
<input type="checkbox"/> 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE		
TEST 1 0.099 g/210L	TEST 2 0.099 g/210L	TEST 3 0.100 g/210L
INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:		
REFUSALS 1	0-.04 5	.05-.09 0
	.10-.14 0	.15-.19 0
		OVER .19 0
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).		
March Maintenance		
INSPECTING OFFICER		
SIGNATURE L. Schack 274	PRINT FULL NAME SCHACK, DAVID	
TYPE II PERMIT NUMBER 240265	EXPIRATION DATE 12/13/2026	TELEPHONE NUMBER (314) 867-0080
RETURN COMPLETED REPORT TO THE:		
Breath Alcohol Program, Missouri Department of Health and Senior Services, by mail, fax, or e-mail		



GUTH LABORATORIES, INC.

590 NORTH 87th STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **24310** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **August 28, 2024**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1209%** (w/vol) ethyl alcohol. The expiration date for this lot number is **August 27, 2026** 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 FN03072301 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.



Paula Nickelson
 Director

Michael L. Parson
 Governor

SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

Simulator Serial Number: MP3871 **Manufacturer:** Guth
Model Number: 12V500
Agency: BELLEFONTAINE NEIGH
Agency Address: 9641 BELLEFONTAINE RD, BELLEFONTAINE, MO 63137

NIST THERMOMETER INFORMATION

Serial Number: 17KMM00690 **Bias:** 0.00
Uncertainty: 0.02
Date of Certification: 10/21/2024 **Date of Expiration:** 10/21/2025

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>
34.01	34.02	.03

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

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 12/9/2024
Certification Expiration: 12/9/2025
Simulator testing technician: R. SCHILDKNECHT

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: BRIANNA MEDRANO
Certification No: MP3871_1292024

X *Brianna Medrano*

DHSS BAP Scientist Approving



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

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PERMIT
TYPE II
DAVID J. SCHACK

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

INTOX EC/IR II

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 12/13/2024

Adam J. Pelti

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 240265

EXPIRES 12/13/2026

David J. Nickel

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 SCHACK, DAVID
Permit No 240265
Date Issued 12/13/2024 Date Expires 12/13/2026

