



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<br>12843 | NAME OF AGENCY<br>Republic PD | DATE OF INSPECTION<br>02/04/2022 |
|----------------------------|-------------------------------|----------------------------------|

|   |                                 |
|---|---------------------------------|
| LOCATION OF INSTRUMENT (STREET AND CITY)<br>540 Civic Blvd Republic | TIME OF INSPECTION<br>23:40 CST |
|---|---------------------------------|

**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"/> <b>DIAGNOSTIC RECORD</b> |  |
| <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                      | LOT# 21380  |
|   | EXP. DATE 09/13/2023                                    |
| <input checked="" type="checkbox"/> SIMULATOR TEMP (34°C ±0.2°C)<br>34C +/- .2C | SIM. SN<br>SD3326                                       |
|   | SIM. NIST EXP DATE<br>02/23/2022                        |

**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. Mark the box corresponding to the standard solution being used.

- 0.10% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE
- 0.08% STANDARD - MUST READ BETWEEN 0.076% AND 0.084% INCLUSIVE
- 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE

|   |   |   |
|---|---|---|
| TEST 1 <input checked="" type="checkbox"/> 0.098 g/210L | TEST 2 <input checked="" type="checkbox"/> 0.099 g/210L | TEST 3 <input checked="" type="checkbox"/> 0.099 g/210L |
|---|---|---|

**INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:**

|          |   |       |   |         |   |         |   |         |   |          |   |
|----------|---|-------|---|---------|---|---------|---|---------|---|----------|---|
| REFUSALS | 0 | 0-.04 | 0 | .05-.09 | 1 | .10-.14 | 0 | .15-.19 | 3 | OVER .19 | 2 |
|----------|---|-------|---|---------|---|---------|---|---------|---|----------|---|

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<br>                   | PRINT FULL NAME<br>SCHREIBER, FRANK  |
| TYPE II PERMIT NUMBER<br>210111 | EXPIRATION DATE<br>05/18/2023        |
|                                 | TELEPHONE NUMBER<br>( 417 ) 732-3900 |

**RETURN COMPLETED REPORT TO THE:**  
 Breath Alcohol Program, Missouri Department of Health and Senior Services,  
 by mail, fax, or e-mail



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

2

**PERMIT**  
**TYPE II**  
**FRANK G. SCHREIBER**

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 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 5/18/2021

NUMBER 210111

EXPIRES 5/18/2023

MO 580-0771 (5-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R5-10)

**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 SCHREIBER, FRANK  
 Permit No 210111  
 Date Issued 5/18/2021 Date Expires 5/18/2023



**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 **21380** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 15, 2021**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1214%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 13, 2023** 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.*