



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 12812	NAME OF AGENCY DESOTO P.D.	DATE OF INSPECTION 07/16/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 17 BOYD DESOTO	TIME OF INSPECTION 14:07 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.

DIAGNOSTIC RECORD

<input checked="" type="checkbox"/> BLANK CHECK	<input checked="" type="checkbox"/> CO2 CHECK
<input checked="" type="checkbox"/> EC 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 Laboratories	LOT# 19160 EXP. DATE 07/09/2021
<input checked="" type="checkbox"/> SIMULATOR TEMP (34°C ±0.2°C) 34C +/- .2C	SIM. SN DR3772 SIM. NIST EXP DATE 10/16/2020

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.

<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 " 0.100 g/210L	TEST 2 " 0.101 g/210L	TEST 3 " 0.102 g/210L
-----------------------	-----------------------	-----------------------

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

REFUSALS 0	0-.04 0	.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).

None

INSPECTING OFFICER

SIGNATURE <i>Jeffery S. Wynn #601</i>	PRINT FULL NAME Jeffery S. Wynn
TYPE II PERMIT NUMBER 280295	EXPIRATION DATE 10/04/2020
	TELEPHONE NUMBER (636) 586-8891

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


Missouri Department of Health and Senior Services

 P.O. Box 570, Jefferson City, MO 65102-0570 Phone: 573-751-6400 FAX: 573-751-6010
 RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2966 VOICE 1-800-735-2466

Randall W. Williams, MD, FACOG
 Director

Michael L. Parson
 Governor

SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

Simulator Serial Number: DR3772 **Manufacturer:** Guth
Model Number: 2100
Agency: DESOTO PD
Agency Address: #17 BOYD ST., DESOTO, MO 63020

NIST THERMOMETER INFORMATION

Serial Number: 304447 **Bias:** 0.01
Uncertainty: 0.02

Date of Certification: 10/24/2018 **Date of Expiration:** 10/24/2019

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>
34.00	34.02	.05

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

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 10/16/2019
Certification Expiration: 10/16/2020
Simulator testing technician: B. LUTMER

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: B. LUTMER

Certification No: DR3772_10162019

X *Brian Lutmer*

DHSS BAP Scientist Approving

**GUTH LABORATORIES, INC.**

630 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 19160 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on July 10, 2019, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 61.0N9030209, and found to contain ~~0.1202%~~ (w/vol) ethyl alcohol. The expiration date for this lot number is July 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.



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



PERMIT
TYPE II

JEFFERY S WYNN

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 10/4/2018

NUMBER 280295

EXPIRES 10/4/2020

MO.580-0771 (8-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 WYNN, JEFFERY
Permit No 280295
Date issued 10/4/2018 Date Expires 10/4/2020