



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

INTOX EC/IR II MAINTENANCE REPORT

received 4/19/14-cd

REPORT #3

Complete this report at the time of the regular monthly preventive maintenance check (days). Complete this report whenever the instrument is serviced or repaired and when into service. Retain the original and send a copy within 15 days to the Breath Alcohol Program, DSSB.

REVIEWED Exceed 35
 By Carol Day at 3:45 pm, Apr 28, 2014

INTOX EC/IR II SN 12682	NAME OF AGENCY JEFFERSON COUNTY S.O.	DATE OF INSPECTION 04/13/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 400 FIRST ST. HILLSBORO	TIME OF INSPECTION 22:40 CDT
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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"/> 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

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE
- | | | |
|--|-------------------------|----------------------------------|
| <input checked="" type="checkbox"/> STANDARD SUPPLIER GUTH | LOT# 13100 | EXP. DATE 04/23/2015 |
| <input checked="" type="checkbox"/> SIMULATOR TEMP (34°C ±0.2°C)
34°C +/- .2° | SIMULATOR S/N
sd2222 | SIMULATOR EXP DATE
03/20/2015 |

- 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. (PRINTOUT ATTACHED)
- 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 0.102 g/210L	TEST 2 0.102 g/210L	TEST 3 0.103 g/210L
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INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:

REFUSALS	0	0-.04	170	.05-.09	0	.10-.14	0	.15-.19	0	OVER .19	0
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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).

INSPECTING OFFICER

SIGNATURE 	PRINT FULL NAME BEATTIE, RICHARD
TYPE II PERMIT NUMBER 240128	TELEPHONE NUMBER (636) 797-5000
EXPIRATION DATE 04/03/2016	

RETURN COMPLETED REPORT TO THE:
 Breath Alcohol Program, Missouri Department of Health and Senior Services,
 Southeast District Office, 2875 James Blvd, Poplar Bluff, MO 63901



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 13100 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on April 29, 2013, 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 April 23, 2015 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 FN122211-02 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.



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

PERMIT
TYPE II

RICHARD BEATTIE

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

DATAMASTER, 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 4/3/2014

NUMBER 240128

EXPIRES 4/3/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (06-10)