



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

**RECEIVED**  
By Carol Day at 2:30 pm, Jul 21, 2014  
REPORT #1

**INTOX DMT MAINTENANCE REPORT**

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 DMT SN <b>500022</b>	NAME OF AGENCY <b>UCM Dept. of Public Safety</b>	DATE OF INSPECTION <b>07/16/2014</b>
LOCATION OF INSTRUMENT (STREET AND CITY) <b>306 Broad St., Warrensburg, MO. 64093</b>		TIME OF INSPECTION <b>11:37:17</b>

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**

DATE AND TIME <u>07/16/2014 11:37:19</u>	<input checked="" type="checkbox"/> DETECTOR
<input checked="" type="checkbox"/> PROGRAM	<input checked="" type="checkbox"/> FILTER 1
<input checked="" type="checkbox"/> SAMPLE CHAMBER <u>48.8°C</u>	<input checked="" type="checkbox"/> FILTER 2
<input checked="" type="checkbox"/> BREATH TUBE <u>44.2°C</u>	<input checked="" type="checkbox"/> FILTER 3
<input checked="" type="checkbox"/> PUMP	<input checked="" type="checkbox"/> INTERNAL STANDARD

**BREATH ANALYZER ACCURACY STANDARDS**

SIMULATOR STANDARD       COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER GUTH      LOT # 14030      EXP. DATE 01/20/2016

SIMULATOR TEMP (34°C ± 0.2°C) 34.0      SIMULATOR SN DR2009      SIMULATOR EXP DATE 06/11/2015

**CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)**  
Run three tests using a standard. 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 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: <b>0.098</b>	TEST 2: <b>0.098</b>	TEST 3: <b>0.098</b>
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**PERFORM R.F.I. TEST**

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

REFUSALS: <b>0</b>	0-.04: <b>2</b>	.05-.09: <b>0</b>	.10-.14: <b>0</b>	.15-.19: <b>0</b>	OVER .19: <b>0</b>
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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)

The instrument is performing according to the MODHSS guidelines. A calibration and standard change was completed due to the fact this instrument replaced our previous Intox DMT.

**INSPECTING OFFICER**

SIGNATURE 	PRINT FULL NAME <b>DARRELL W BRINKLEY</b>
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TYPE II PERMIT NUMBER <b>240269</b>	EXPIRATION DATE <b>06/12/2016</b>	TELEPHONE NUMBER <b>660-543-4123</b>
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RETURN COMPLETED REPORT TO THE **Breath Alcohol Program, MO 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 **14030** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **January 22, 2014**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1215%** (w/vol) ethyl alcohol. The expiration date for this lot number is **January 20, 2016** 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 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.*



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

2

**PERMIT  
TYPE II**

**DARRELL W BRINKLEY**

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 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 6/12/2014

NUMBER 240269

EXPIRES 6/12/2016

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 BRINKLEY, DARRELL  
Permit No 240269  
Date Issued 6/12/2014 Date Expires 6/12/2016

STANDARD CHANGE

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UCM Dept. of Public Safety  
INTOX dmt: 500022  
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Date: 07/16/2014  
Time: 11:32:55

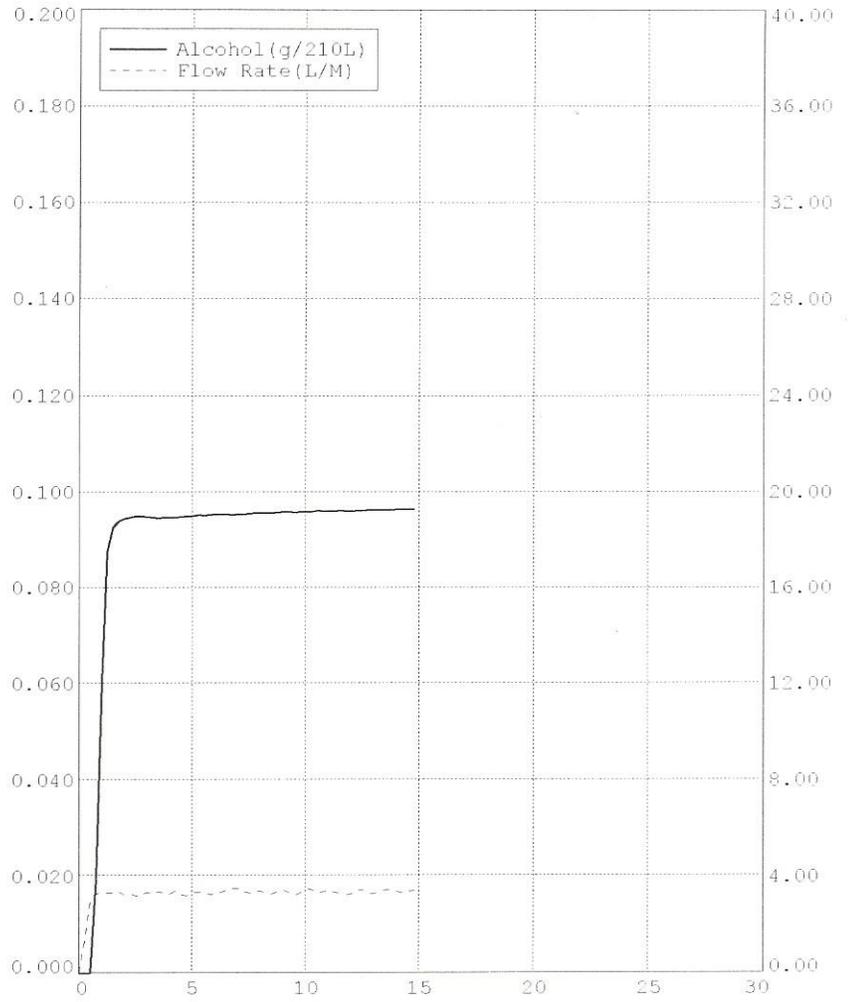
OPERATOR NAME:  
DARRELL W BRINKLEY  
PERMIT NUMBER: 240269  
EXPIRATION DATE: 06/12/2016

LOT #: 14030  
SUPPLIER: GUTH  
EXPIRATION: 01/20/2016  
SIMULATOR TYPE: WET BATH

STANDARD INFORMATION  
CONCENTRATION: 0.100

BLANK TEST	0.000	11:33
INTERNAL STANDARD	VERIFIED	11:34
EXTERNAL STANDARD 34.0°C	0.098	11:34
BLANK TEST	0.000	11:35

Average = 0.0980  
Std Dev = 0.0000  
Spread = 0.0000



CALIBRATION FACTORS

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UCM Dept. of Public Safety  
INTOX dmt: 500022  
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Date: 07/16/2014  
Time: 11:23:31

OPERATOR NAME:  
DARRELL W BRINKLEY  
PERMIT NUMBER: 240269  
EXPIRATION DATE: 06/12/2016

LOT #: 14030  
SUPPLIER: GUTH  
EXPIRATION: 01/20/2016

Ca	=	0.1000			
ADJ	=	0.979968	0.800	<=	ADJ < 1.200
b1	=	0.0012	0.0000	<=	b1 < 0.0040
b2	=	0.0046	0.0010	<=	b2 < 0.0100
b3	=	0.0008	0.0000	<=	b3 < 0.0040
Xq	=	0.1079	0.0500	<=	Xq < 0.2500
a21	=	1.091061	1.050	<=	a21 < 1.300
a31	=	0.397683	0.300	<=	a31 < 0.800

