



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES

STATE PUBLIC HEALTH LABORATORY

BREATH ALCOHOL PROGRAM

DATAMASTER MAINTENANCE REPORT

RECEIVED By Carol Day at 9:56 am, Feb 11, 2014

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.

DATAMASTER SN 201294	NAME OF AGENCY MACON POLICE DEPARTMENT	DATE OF INSPECTION 02-03-14
LOCATION OF INSTRUMENT (STREET AND CITY) 301 E. BURKE ST. MACON MO 63552		TIME OF INSPECTION 1749

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

<input checked="" type="checkbox"/> DIAGNOSTIC CHECK (PRINTOUT ATTACHED)	DATE AND TIME (from printout) 02/03/14 17:49
<input checked="" type="checkbox"/> COMPUTER	<input checked="" type="checkbox"/> DETECTOR
<input checked="" type="checkbox"/> PROGRAM	<input checked="" type="checkbox"/> FILTERS
<input checked="" type="checkbox"/> HEATERS SAMPLE CHAMBER 49 °C	<input checked="" type="checkbox"/> QUARTZ STANDARD
<input checked="" type="checkbox"/> FLOW DETECTOR	<input checked="" type="checkbox"/> CALIBRATION
<input checked="" type="checkbox"/> PUMP HIGH SPEED	<input checked="" type="checkbox"/> PRINTER

INDICATOR LIGHTS

SIMULATOR SOLUTION SUPPLIER **LEITH LAB** LOT # **13010** EXP. DATE **01-09-15**

SIMULATOR TEMP (34°C ± 0.2°C) **34** °C SIMULATOR SN **502608** EXP. DATE **03-14**

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)

- 0.100% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE
- 0.080% STANDARD - MUST READ BETWEEN 0.076% AND 0.084% INCLUSIVE
- 0.040% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE

TEST 1 1.097	TEST 2 1.098	TEST 3 1.099
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PERFORM R.F.I. TEST (PRINTOUT ATTACHED)

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS 0	(0-.04) 0	(.05-.09) 0	(.10-.14) 0	(.15-.19) 1	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).

MEETS DOH STANDARDS

INSPECTING OFFICER	
SIGNATURE Jeff Brown	PRINT FULL NAME JEFF BROWN
TYPE II PERMIT NUMBER EXPIRATION DATE 220115 05-15-14	TELEPHONE NUMBER 660 385 2195

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.

800 NORTH 6TH STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-534-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13010 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on January 14, 2013, using a Perkin-Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1218% (w/vol) ethyl alcohol. The expiration date for this lot number is January 9, 2015 at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$, 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

P E R M I T
TYPE II

JEFF BROWN

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

Date 05/15/2012
Number 220115
Expires 05/15/2014

MO 660-0771 (7-03)

W. H. ...
Director of State Public Health Laboratory
Director, Department of Health

Lab. # (R7-88)



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

REPORT OF TEMPERATURE TEST FOR WET SIMULATOR

This is to certify that the instrument described below has been examined and tested by Guth Laboratories, Inc. using standards traceable to the National Institute of Standards and Technology.

CUSTOMER INFORMATION:

CITY OF MACON
POLICE DEPARTMENT
301 E. BOURKE STREET
MACON, MISSOURI 63552

INSTRUMENT INFORMATION

Date Received for Calibration: 03/01/2013 Date Tested: 03/08/2013
WET SIMULATOR Model Number: 10-4D Serial Number: SD2668
Manufacturer: Guth Laboratories, Inc. Manufacturer Specification: 34.00 ± 0.05 °C

RESULTS OF PHYSICAL EXAMINATION:

This instrument was received in operable condition.

CALIBRATION PROCEDURE USED: Guth Laboratories, Inc. Procedure 01-B.

RESULTS OF CALIBRATION:

'AS FOUND'	Date Tested: <u>03/07/2013</u>			
Mean Temperature:	<u>33.998 °C</u>	Minimum Temperature:	<u>33.994 °C</u>	In Tolerance: <u>Yes</u>
Maximum Temperature:	<u>34.007 °C</u>	Standard Deviation:	<u>0.002 °C</u>	
'AS LEFT'	Date Tested: <u>03/08/2013</u>			
Mean Temperature:	<u>34.013 °C</u>	Minimum Temperature:	<u>34.010 °C</u>	
Maximum Temperature:	<u>34.017 °C</u>	Standard Deviation:	<u>0.001 °C</u>	

Adjustments were made to this instrument prior to obtaining 'AS LEFT' data results.

CALIBRATION EQUIPMENT USED:

Temperature readings were obtained by direct measurement of simulator solution using the following system. Fluke/Hart Scientific model 1504 thermometer readout, serial number A7A606, and GE Sensing model AS125 thermistor standard, serial number 3095. This system was calibrated on September 12, 2012 by Hart Scientific, report number B2910026. This test equipment is on a one year calibration interval and is traceable to NIST through an unbroken chain of comparisons.

Our best measurement capabilities are +/- .006 from 20 to 40°C with a measurement uncertainty(k=2) of 1.5 mK.

Laboratory Environmental Conditions: Temperature: 22 °C ± 2 °C Relative Humidity: Between 40% and 60%

Certified By:

FORM RWS-2, REV. C EFF. 10/12

FACE THIS SIDE DOWN - THIS EDGE IN FIRST

BAC DataMaster
Evidence Ticket

STATE OF MISSOURI
MACON POLICE DEPARTMENT

BAC DATAMASTER SERIAL NUMBER 201294
02/03/14

TESTING OFFICER:

BROWN, JEFF

OFFICER I.D. # 709

PERMIT NUMBER: 200115

EXPIRATION DATE: 05/15/14

MISCELLANEOUS DATA:

MONTHLY MAINTENANCE

N/A

SUPERVISOR MODE

BLANK TEST	.000	17:52
INTERNAL STANDARD	VERIFIED	17:52
EXTERNAL STANDARD	.097	17:52
BLANK TEST	.000	17:53
EXTERNAL STANDARD	.098	17:53
BLANK TEST	.000	17:54
EXTERNAL STANDARD	.099	17:54
BLANK TEST	.000	17:55

N = 3

STDEV = .1

AVG = .098

OPERATOR SIGNATURE



Stock No.

11

REORDER ALL SUPPLIES FROM N.P.A.S.
P.O. BOX 1435, MANSFIELD, OH 44901

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BAC DataMaster
Evidence Ticket

STATE OF MISSOURI
MACON POLICE DEPARTMENT

BAC DATAMASTER SERIAL NUMBER 201294
02/03/14
17:49

DIAGNOSTIC CHECK

COMPUTER:	OKAY
PROGRAM (04-97-2801):	OKAY
HEATERS	
SAMPLE CHAMBER:	49c
FLOW DETECTOR:	OKAY
PUMP	
HIGH SPEED:	OKAY
DETECTOR:	OKAY
FILTERS:	OKAY
QUARTZ STANDARDS	OKAY
CALIBRATION:	OKAY

PRINTER TEST

1234567890123456789012345678901234567890
ABCDEFGHIJKLMN OPQRSTUVWXYZ [] ^ _ ` abcdefghijklmnop
qrstuvwxyz () * + , - . / : ; < > ? @

OPERATOR SIGNATURE



Card Stock No.
60021

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BAC DataMaster
Evidence Ticket

STATE OF MISSOURI
MALLON POLICE DEPARTMENT

BAC DATAMASTER SERIAL NUMBER 201094
02-03-14

ARREST TIME: 17:30

SUBJECT NAME:

BLOW/JOE

DOB: 12/04/68 SEX: M

STATE/D.L.C.: MO/0013012012

ARRESTING OFFICER:

BROWN/JEFF

OFFICER I.D.# 783

TESTING OFFICER:

SARR

OFFICER I.D.# SARR

PERMIT NUMBER: 220110

EXPIRATION DATE: 05/15/14

MISCELLANEOUS DATA:

MONTHLY MAINTENANCE

RFI CHECK

--- BREATH ANALYSIS ---

BLANK TEST	0.000	17:58
INTERNAL STANDARD	VERIFIED	17:58
RFID INTERFERENCE		

OPERATOR SIGNATURE



Card Stock No.
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