



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 STATE PUBLIC HEALTH LABORATORY  
 BREATH ALCOHOL PROGRAM  
**DATAMASTER MAINTENANCE REPORT**

RECEIVED 3/5/14 - REPORT #6

**REVIEWED**  
 By Carol Day at 12:51 pm, Apr 02, 2014

Complete this report at the time of the regular monthly preventive maintenance check (not to exceed 30 days) and 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 204140	NAME OF AGENCY Missouri State Highway Patrol Troop C	DATE OF INSPECTION 02/28/2014
LOCATION OF INSTRUMENT (STREET AND CITY) Troop C BAT Van, 891 Technology Dr, Weldon Springs, MO. 63304		TIME OF INSPECTION 5:06 pm

**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) 02/28/2014 1706
<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 Guth Laboratories Inc. LOT # 13290 EXP. DATE 10/29/2015

SIMULATOR TEMP (34°C ± 0.2°C) 34.2 °C SIMULATOR SN G11079 EXP. DATE 10/16/2014

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 .099	TEST 2 .100	TEST 3 .101
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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-.04) 0	(.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 T.B.W. Long #855	PRINT FULL NAME Trooper B. W. Long #855
TYPE II PERMIT NUMBER/EXPIRATION DATE 230035 02/27/2015	TELEPHONE NUMBER (636) 300-2800

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.

880 NORTH 87th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13290 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 31, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1282% (w/vol) ethyl alcohol. The expiration date for this lot number is October 29, 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.

Face This Side Down - This Edge In First

# BAC DataMaster Evidence Ticket

MISSOURI STATE HIGHWAY PATROL  
BAC DATAMASTER SERIAL NUMBER 204140  
02/28/14  
17:06

### --- DIAGNOSTIC CHECK ---

COMPUTER: OKAY  
PROGRAM (04-07-2009): OKAY  
HEATERS  
SAMPLE CHAMBER: 49C  
FLOW DETECTOR: OKAY  
PUMP  
HIGH SAMPLE: OKAY  
DETECTOR: OKAY  
FILTERS: OKAY  
MURKIN STANDARD: OKAY  
CALIBRATION: OKAY

PRINTER TEST  
!##\$%&'()\*+,-./0123456789:;<=>?@ABCDEFGHI  
HIJKLMNOPQRSTUVWXYZ[\]^\_`abcdefghijklmnop  
qrstuvwxyz{|}~\*

Operator Signature ITB.W.88

Face This Side Down - This Edge In First

# BAC DataMaster Evidence Ticket

MISSOURI STATE HIGHWAY PATROL  
BAC DATAMASTER SERIAL NUMBER 204140  
02/28/14

### TESTING OFFICER:

LOMS/B/M  
OFFICER I.D.: 855  
PERMIT NUMBER: 200035  
EXPIRATION DATE: 02/27/15  
MISCELLANEOUS DATA:

### --- SUPERVISOR MODE ---

BLANK TEST  
INTERNAL STANDARD 17:10  
EXTERNAL STANDARD 17:10  
BLANK TEST 17:11  
EXTERNAL STANDARD 17:11  
BLANK TEST 17:12  
INTERNAL STANDARD 17:12  
EXTERNAL STANDARD 17:13  
BLANK TEST 17:13

N = 3  
SIM. = .1  
RMG. = .1

Operator Signature ITB.W.88

Face This Side Down - This Edge In First

**BAC DataMaster**  
Evidence Ticket

MISSOURI STATE HIGHWAY PATROL  
BAC DATAMASTER SERIAL NUMBER 204140  
02/28/14

ARREST TIME: 16:55  
SUBJECT NAME:  
NR

DOB: 01/01/81 SEX: M  
STATE/D.L.: MO/NR  
ARRESTING OFFICER:  
NR

OFFICER I.D.: 895  
TESTING OFFICER:  
LONG/B/M

OFFICER I.D.: 895

PERMIT NUMBER: 200035

EXPIRATION DATE: 02/27/15

MISCELLANEOUS DATA:

SELF TEST

----- BREATH ANALYSIS -----

BLANK TEST	.000	VERIFIED	17:21
INTERNAL STANDARD	.000	VERIFIED	17:21
SUBJECT SAMPLE	.000	VERIFIED	17:22
BLANK TEST	.000	VERIFIED	17:22

Operator Signature

*TTB.W.S.*

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**BAC DataMaster**  
Evidence Ticket

MISSOURI STATE HIGHWAY PATROL  
BAC DATAMASTER SERIAL NUMBER 204140  
02/28/14

ARREST TIME: 16:55  
SUBJECT NAME:  
NR

DOB: 01/01/81 SEX: M  
STATE/D.L.: MO/NR  
ARRESTING OFFICER:  
NR

OFFICER I.D.: NR  
TESTING OFFICER:  
LONG/B/M

OFFICER I.D.: 895

PERMIT NUMBER: 200035

EXPIRATION DATE: 02/27/15

MISCELLANEOUS DATA:

RADIO INTERFERENCE TEST

----- BREATH ANALYSIS -----

BLANK TEST	.000	VERIFIED	17:17
INTERNAL STANDARD	.000	VERIFIED	17:17
RADIO INTERFERENCE			

Operator Signature

*TTB.W.S.*



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



**PERMIT**  
**TYPE II**

**BRYAN W LONG**

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**

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 02/27/2013

NUMBER 230035

EXPIRES 02/27/2015

MO 680-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)