



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

**RECEIVED**  
 By Carol Day at 3:13 pm, May 12, 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 204139	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 04/28/2014
LOCATION OF INSTRUMENT (STREET AND CITY) Holt County Sheriff's Office, 107 S. Main, Oregon, MO		TIME OF INSPECTION 9:59 am

**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) 04-28-2014/09:59
<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 50 °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

<input checked="" type="checkbox"/> INDICATOR LIGHTS
<input checked="" type="checkbox"/> SIMULATOR SOLUTION SUPPLIER Guth Laboratories, Inc. LOT # 13280 EXP. DATE 10/16/2015
<input checked="" type="checkbox"/> SIMULATOR TEMP (34°C ± 0.2°C) 34.1 °C SIMULATOR SN 11689 EXP. DATE 06/03/2014

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 .100
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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)	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 <i>Joshua R. Zach</i>	PRINT FULL NAME Joshua R. Zach
TYPE / PERMIT NUMBER / EXPIRATION DATE 220271 09/13/2014	TELEPHONE NUMBER (816) 387-2345

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.**

690 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-6470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13280 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 18, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1217% (w/vol) ethyl alcohol. The expiration date for this lot number is October 16, 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 DATA MASTER SERIAL NUMBER 224109  
54/20-14

TESTING OFFICER:

BACH JOSEPH R

OFFICER I.D.# 768

PERMIT NUMBER: 220271

EXPIRATION DATE: 09/13/14

MISCELLANEOUS DATA:

---- SUPERVISOR NAME ----

BULK TEST	.000	10:07
INTERNAL STANDARD	VERIFIED	10:07
EXTERNAL STANDARD	.000	10:08
BULK TEST	.000	10:08
EXTERNAL STANDARD	.000	10:08
BULK TEST	.000	10:10
EXTERNAL STANDARD	.000	10:10
BULK TEST	.000	10:11

N = 3

STL # 1

REC # 0886

Operator Signature



Face This Side Down - This Edge In First

**BAC DataMaster**  
**Evidence Ticket**

MISSOURI STATE HIGHWAY PATROL  
BAC INSTRUMENT SERIAL NUMBER 884139  
24/08/14  
09:59

--- DIAGNOSTIC CHECK ---

COMPUTER: OKAY

PROGRAM (04-27-0885): OKAY

HEAVES  
SAMPLE CHAMBER: 50c

FLOW DETECTOR: OKAY

PUMP

BLANK SPEED: OKAY

DETECTOR: OKAY

FILTERS: OKAY

QUARTZ THERMISTOR: OKAY

CALIBRATION: OKAY

PRINTER TEST

INSTRUMENT NUMBER: 884139  
HIJKLMNOPQRSTUVWXYZ0123456789  
CONFIRMATION: 14

Operator Signature

*Joshua R. Zorn*

Face This Side Down - This Edge In First

**BAC DataMaster**  
**Evidence Ticket**

MISSOURI STATE HIGHWAY PATROL  
BAC INSTRUMENT SERIAL NUMBER 88439  
04/29/14

ARREST TIME: 08:02

SUBJECT NAME:

JOE JOHNE

DOB: 09/09/89 SEX: M

STATE/D.L.#: MO-12345

ARRESTING OFFICER:

SPCH/WR

OFFICER I.D.#: 768

TESTING OFFICER:

SACH/JOSHUA/R

OFFICER I.D.#: 768

PERMIT NUMBER: 230271

EXPIRATION DATE: 09/13/14

DISCREPANCY DATA:

RFI TEST

--- BREATH ANALYSIS ---

BLANK TEST

.000 10:15

INTERNAL STRAIGHT

VERIFIED 10:15

RADIO INTERFERENCE

Operator Signature



State of Missouri  
DEPARTMENT OF HEALTH



P E R M I T  
TYPE II



JOSHUA R ZACH

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

**DATAMASTER**

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 09/13/2012

Number 220271

Expires 09/13/2014

MO 580-0771 (7-88)

Director of State Public Health Laboratory

Director, Department of Health

Lab. 4 (R7-88)